Form 3160-3 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5.	Lease Serial No.
	UTU0337

APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Trib	e Name
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, CHAPITA WELLS U	NI
lb. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	er 🔲 Single Zone 🔀 Multiple Zone	Lease Name and Well No CHAPITA WELLS UNIT	
2. Name of Operator Contact: E-Mail: kaylene	KAYLENE R GARDNER gardner@eogresources.com	9. API Well No. 43-04	7-39618
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Explo NATURAL BUTTES/	
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. a	and Survey or Area
At surface SESW 456FSL 1832FWL 4	40.01556 N Lat, 109.37169 W Lon	Sec 19 T9S R23E M	er SLB
At proposed prod. zone SESW 456FSL 1832FWL 4	40.01556 N Lat, 109.37169 W Lon		
<ol> <li>Distance in miles and direction from nearest town or post of 50.6 MILES SOUTH OF VERNAL UT</li> </ol>	office*	12. County or Parish UINTAH	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>456</li> </ol>	16. No. of Acres in Lease 2344.00	17. Spacing Unit dedicated t	o this well
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on	file
900	9250 MD	NM 2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5089 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS	
	24. Attachments		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:	
Well plat certified by a registered surveyor.     A Drilling Plan.     A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of	Item 20 above). em Lands, the 5. Operator certification	ns unless covered by an existing formation and/or plans as may be	•
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	111	Date 09/06/2007

25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 09/06/2007
Title LEAD REGULATORY ASSISTANT		
Approved (or (Signature))	Name (Printed/Typed) BRADLEY G. HILL	Date 89-17-07
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #56269 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal RECEIVED

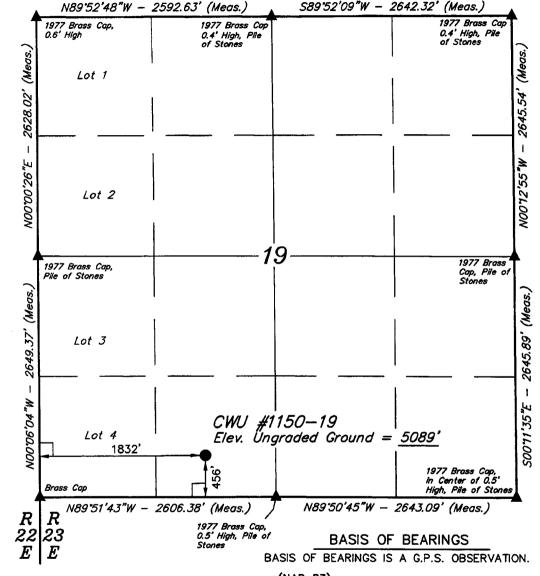
Federal Approval of this SEP 1 0 2007

49.015590

DIV. OF OIL, GAS & MINING

109.3717\*\*\*OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## T9S, R23E, S.L.B.&M.



#### LEGEND:

\_\_ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83) LATITUDE = 40°00'55.88" (40.015522) LONGITUDE = 109°22'20.53" (109.372369) (NAD 27)

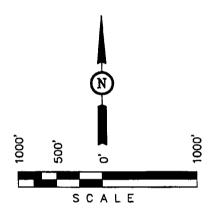
LATITUDE = 40°00'56.00" (40.015556) LONGITUDE = 109°22'18.08" (109.371689)

#### EOG RESOURCES, INC.

Well location, CWU #1150-19, located as shown in the SE 1/4 SW 1/4 of Section 19, T9S, R23E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT, WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLET

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319

#### Uintah Engineering & Land Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-20-05	DATE DRAWN: 01-05-06
J.R. N.G. S.L.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOU	RCES, INC.

#### CHAPITA WELLS UNIT 1150-19 SE/SW, SEC. 19, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,625		Shale	
Wasatch	4,650		Sandstone	
Chapita Wells	5,208		Sandstone	
Buck Canyon	5,880		Sandstone	
North Horn	6,558		Sandstone	
KMV Price River	6,861	Primary	Sandstone	Gas
KMV Price River Middle	7,735	Primary	Sandstone	Gas
KMV Price River Lower	8,538	Primary	Sandstone	Gas
Sego	9,045		Sandstone	
TD	9,250			

Estimated TD: 9,250' or 200'± below Sego top

Anticipated BHP: 5,050 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Thread</u>	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,300° KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

#### All casing will be new or inspected.

#### CHAPITA WELLS UNIT 1150-19 SE/SW, SEC. 19, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

#### Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### CHAPITA WELLS UNIT 1150-19 SE/SW, SEC. 19, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

**Cement Bond / Casing Collar Locator and Pulsed Neutron** 

#### 9. **CEMENT PROGRAM:**

#### Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3

½ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

**Top Out**: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

**Lead:** 135 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 896sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### CHAPITA WELLS UNIT 1150-19 SE/SW, SEC. 19, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300' $\pm$ - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

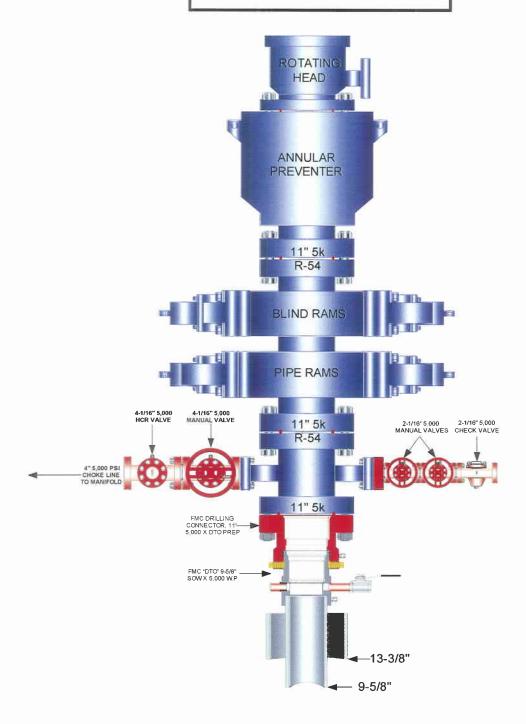
#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

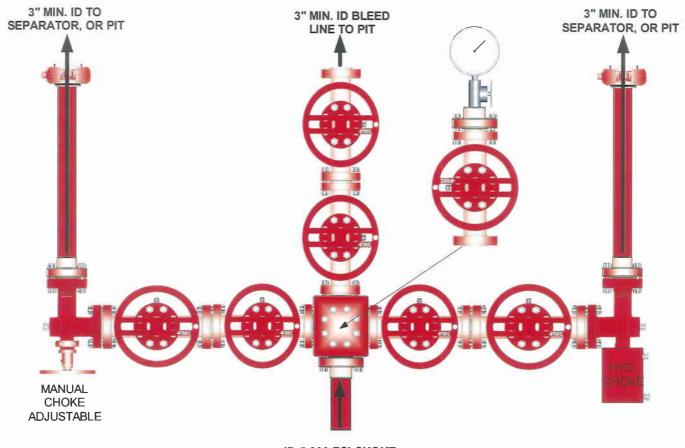
## EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



## Chapita Wells Unit 1150-19 SESW, Section 19, T9S, R23E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 150 feet long with a 40-foot right-of-way, disturbing approximately 0.14 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 1.98 acres.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 48.2 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 150 in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

No off lease right-of-way is required. The entire length of the access road is located within the Chapita Wells Unit.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.

2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

1. No new pipeline will be required. The proposed well will be located on an existing well pad.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at

one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion

of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (Ibs./acre PLS*)
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing Saltbush	3.0
Shadscale	3.0
Indian Ricegrass	2.0
HyCrest Wheatgrass	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

**Bureau of Land Management** 

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will

be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on June 2, 2007, MOAC Report No. 06-613. A paleontological survey was conducted and submitted on September 23, 2006, IPC report No. 06-292, by Intermountain Paleo.

#### Additional Information:

The existing topsoil pile shall be relocated to the west side of the location prior to construction.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filling of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1150-19 Well, located in the SESW, of Section 19, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

September 6, 2007

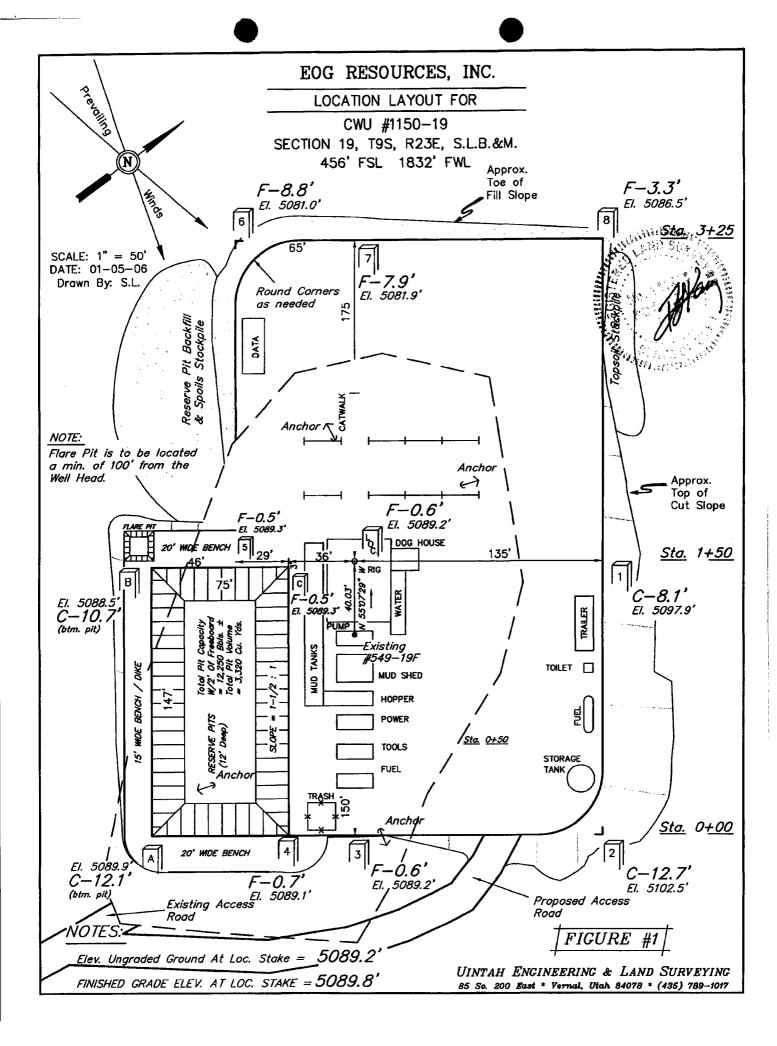
Date

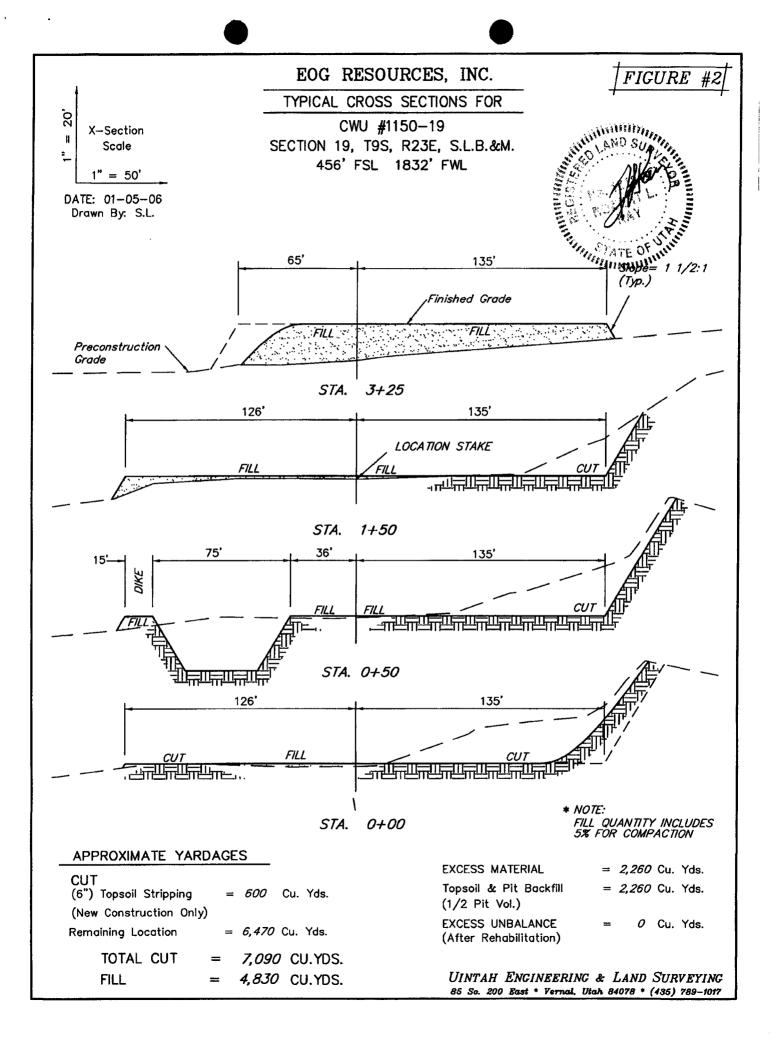
Sardner, Lead Regulatory Assistant

## EOG RESOURCES, INC. CWU #1150-19 SECTION 19, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY. THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 300' TO THE CWU #549-19F AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.6 MILES.





# EOG RESOURCES, INC.

CWU #1150-19

LOCATED IN UINTAH COUNTY, UTAH SECTION 19, T9S, R23E, S.L.B.&M.

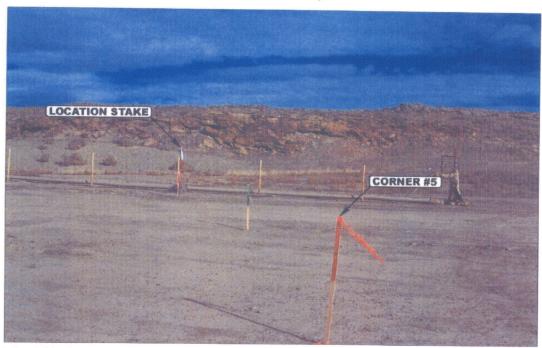


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

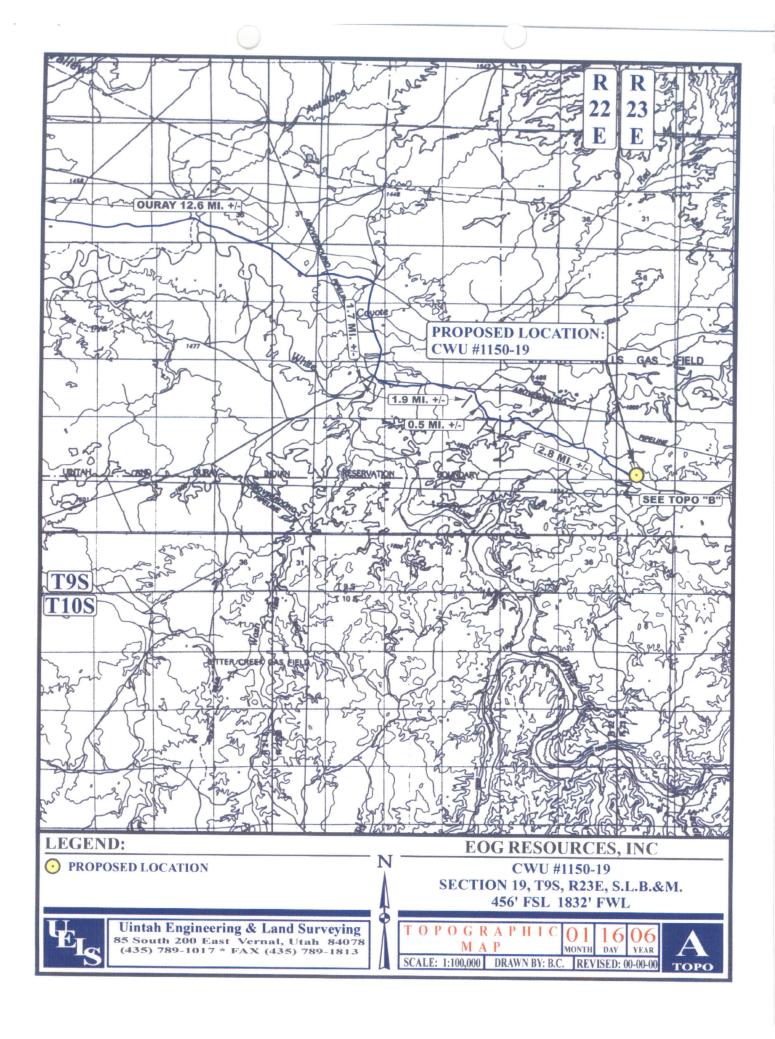
**CAMERA ANGLE: NORTHEASTERLY** 

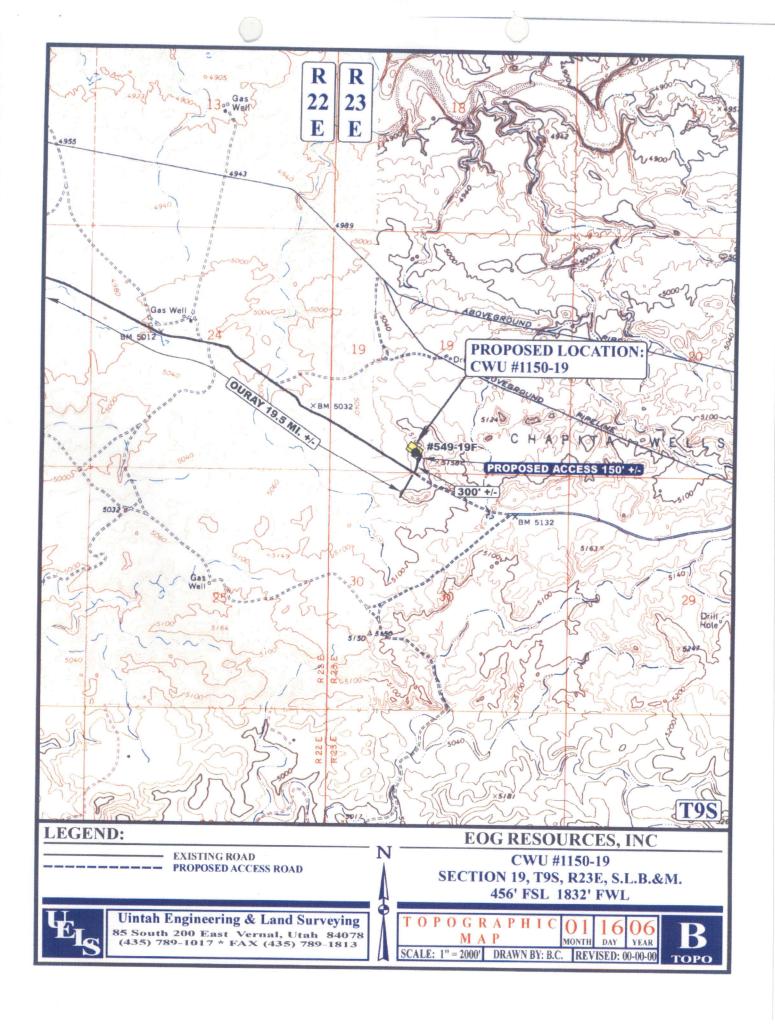


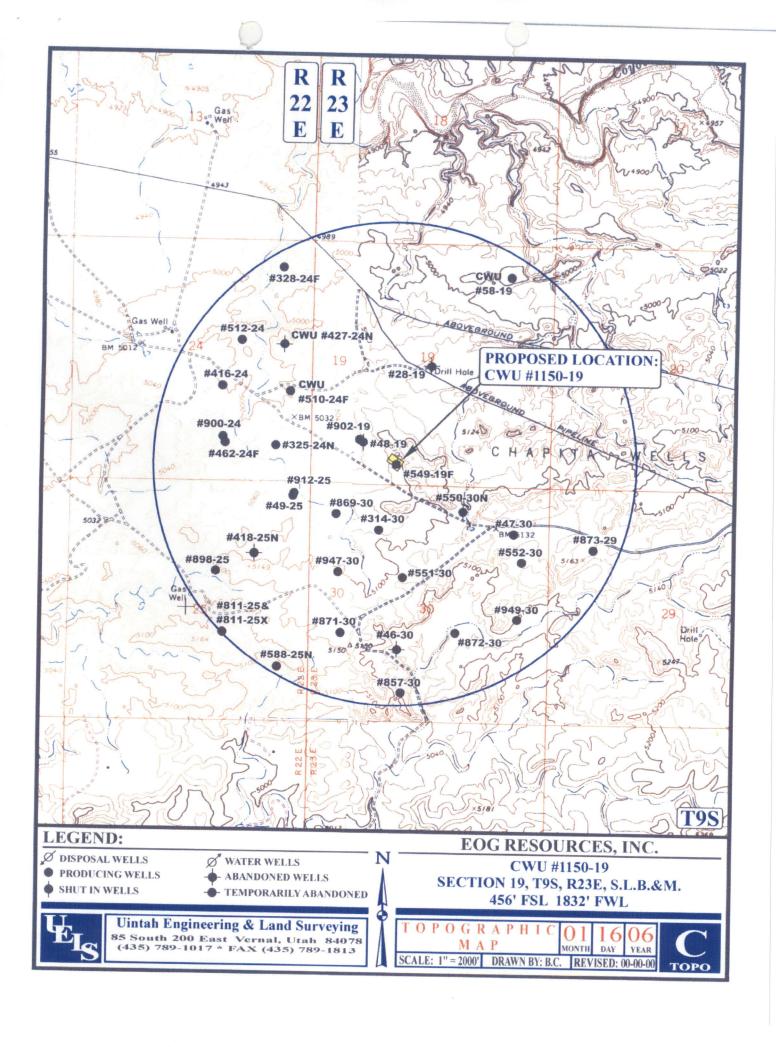
PHOTO: VIEW FROM EXISTING ACCESS

**CAMERA ANGLE: NORTHERLY** 

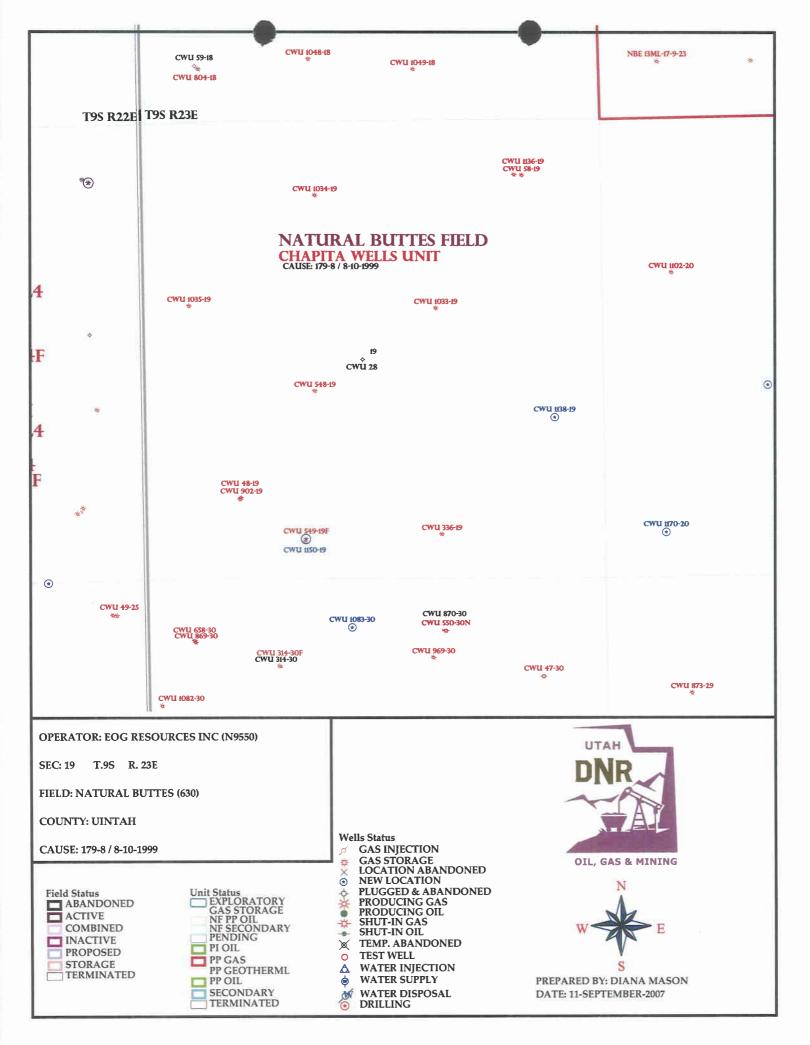








APD RECEIVED: 09/10/2007	API NO. ASSIGNED: 43-047-39618
WELL NAME: CWU 1150-19	
OPERATOR: EOG RESOURCES INC ( N9550	- ) PHONE NUMBER: 435-781-9111
CONTACT: KAYLENE GARDNER	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SESW 19 090S 230E SURFACE: 0456 FSL 1832 FWL	Tech Review Initials Date
BOTTOM: 0456 FSL 1832 FWL	Engineering
COUNTY: UINTAH LATITUDE: 40.01559 LONGITUDE: -109.3718	Geology
UTM SURF EASTINGS: 638960 NORTHINGS: 443	0547 Surface
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU0337  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
Plat	R649-2-3.
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: CHAPITA WELLS
(No. NM 2308 )	R649-3-2. General
Potash (Y/N)  Ni Oil Shale 190-5 (B) or 190-3 or 190-13	
Water Permit	R649-3-3. Exception
(No. 49-225 )	✓ Drilling Unit
RDCC Review (Y/N)	Board Cause No: 174-8
(Date:)	Eff Date: Q10-19/19/2
NO Fee Surf Agreement (Y/N)	Siting: Suspends (due to st.)
M/W Intent to Commingle (Y/N)	R649-3-11. Directional Drill
COMMENTS:	
STIPULATIONS:	rve()



## **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 12, 2007

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2007 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch)

43-047-39617 CWU 0729-29 Sec 29 T09S R23E 2039 FNL 1944 FEL

(Proposed PZ MesaVerde)

43-047-39614 CWU 0978-13 Sec 13 T09S R22E 0442 FNL 0367 FWL 43-047-39610 CWU 1206-14 Sec 14 T09S R22E 1909 FNL 2073 FWL 43-047-39615 CWU 1341-15 Sec 15 T09S R22E 0002 FSL 0769 FEL 43-047-39616 CWU 1334-15 Sec 15 T09S R22E 0142 FNL 1397 FWL 43-047-39622 CWU 1345-22 Sec 22 T09S R22E 2297 FNL 0209 FWL 43-047-39623 CWU 1344-22 Sec 22 T09S R22E 1163 FNL 0120 FEL 43-047-39624 CWU 1343-22 Sec 22 T09S R22E 1203 FNL 1502 FEL 43-047-39620 CWU 1339-22 Sec 22 T09S R22E 0162 FNL 1330 FWL 43-047-39612 CWU 1349-27 Sec 27 T09S R22E 1219 FNL 0040 FWL 43-047-39613 CWU 1352-27 Sec 27 T09S R22E 2096 FNL 0314 FWL 43-047-39619 CWU 0958-33 Sec 33 T09S R23E 0671 FNL 0544 FWL 43-047-39618 CWU 1150-19 Sec 19 T09S R23E 0456 FSL 1832 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-12-07



Lieutenant Governor



MICHAEL R. STYLER
Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA
Division Director

September 17, 2007

EOG Resources, Inc 1060 East Highway 40 Vernal, UT 84078

Re:

Chapita Wells Unit 1150-19 Well, 456' FSL, 1832' FWL, SE SW, Sec. 19, T. 9 South,

R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39618.

K. Michael Hibertron

For Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc			
Well Name & Number	Chapita We	ells Unit 1150-19		
API Number:	43-047-39618			
Lease:	UTU0337			
Location: <u>SE SW</u>	Sec. 19	T. 9 South	<b>R.</b> 23 East	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

BUREAU OF LAND N	5. Lease Serial No. UTU0337		
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe	Name
Ia. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, UTU63013AH	Name and No.
1b. Type of Well: Oil Well 🙍 Gas Well 🗖 Oth		8. Lease Name and Well No. CWU 1150-19	
EOG RESOURCES INC E-Mail: kaylene	KAYLENE R GARDNER gardner@eogresources.com	9. API Well No. 43 047 39	76/8
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 307.276.3331 Ext: 4842	10. Field and Pool, or Explor NATURAL BUTTES	atory
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area
At surface SESW 456FSL 1832FWL At proposed prod. zone SESW 456FSL 1832FWL		Sec 19 T9S R23E M SME: BLM	er SLB
<ol> <li>Distance in miles and direction from nearest town or post off</li> <li>MILES SOUTH OF VERNAL UT</li> </ol>	ice*	12. County or Parish UINTAH	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>456</li> </ol>	16. No. of Acres in Lease 2344.50	17. Spacing Unit dedicated to	this well
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on i	ile
completed, applied for, on this lease, ft.	9250 MD	NM2308	nc
21. Elevations (Show whether DF, KB, RT, GL, etc. 5089 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS	:
	24. Attachments		
The following, completed in accordance with the requirements of C	Onshore Oil and Gas Order No. 1, shall be attached to this	form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office</li> </ol>	Item 20 above).  5. Operator certification	ns unless covered by an existing ormation and/or plans as may be	·
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 307.276.3	3331 Ext: 4842	Date 09/06/2007
REGULATORY ASSISTANT			
Approved by (Signature)  Wall Tale	Name (Printed/Typed)  MAIT BAKER		MAY 2 2 2008
Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE		
Application approval does not warrant or certify the applicant hold operations thereon	s legal or equitable title to those rights in the subject lease	which would entitle the applicar	t to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #56269 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by CINDY SEVERSON on 09/06/2007 (07CXS0270AE)

RECEIVE JUN 1 6 2

DIV. OF OIL, GAS

UDOGM

Conditions of approval, if any, are attached.

NOTICE OF APPROVAL

# CONDITIONS OF APPROVAL ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NOS 7/23/2007

07PP2466A



API No:

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

**VERNAL FIELD OFFICE VERNAL, UT 84078** 

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources. Inc. Well No:

43-047-39618

Location: CWU 1150-19 Lease No: SESW, Sec. 19, T9S, R23E UTU-0337

Agreement: **Chapita Wells Unit** 

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	-	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 1150-19 5/19/2008

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative would be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations will only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.
- A diversion ditch will be constructed from corner 8 to corner 2.
- The topsoil stockpile on the northwest side of the pad will be moved to a safe location so that it may be used for future reclamation.

Page 3 of 6 Well: CWU 1150-19 5/19/2008

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

 Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 feet above the surface casing shoe.
 COA specification is consistent with operators performance standard stated in APD.

A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored." Blooie line can be 75 feet.
 All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: CWU 1150-19 5/19/2008

The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1150-19 5/19/2008

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
  Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
  Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: CWU 1150-19 5/19/2008

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# **DIVISION OF OIL, GAS AND MINING**

# **SPUDDING INFORMATION**

Name of Cor	npany:		EOG R	ESOU	RCES INC		<u> </u>
Well Name:			CWU 1	150-19			
Api No:	43-047-	39618			Lease Tyj	e: FED	ERAL
Section 19	Township	09S	Range_	23E	County	UINT	AH
Drilling Con	ntractor	CRAI	G'S ROU	STAB	OUT SERV	_RIG #_	RATHOLE
SPUDDE	D:						
	Date		07/27/08		_		
	Time		7:00 AM	·	-		
	How	]	DRY		-		,
Drilling wi	ill Comm	ence:	<u>.</u>				
Reported by			JERRY	BAR	NES		
Telephone #		·. ·	(435) 8	<u> 828-172</u>	0		
Date	07/28/08		Signed	ii	СНД		

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

zip 80202

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO

Phone Number: (303) 824-5526

Well 1

API Number	Well	QQ	Sec	Twp	Rng	County	
43-047-38064	Chapita Wells Unit 1	NWSE	20	98	23E	Uintah	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	Entity Assignmen Effective Date	
В	99999	13650	7	/26/200	8	7	130/08

PRRV-mURD

Well 2

API Number	Well	QQ	Sec	Twp	Rng	County	
43-047-39618	Chapita Wells Unit 1	SESW	19	98	23E	Uintah	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
В	99999	13650	7	/27/200	8	7/	30/08
Comments: Mess	averde well						

Well 3

API Number	Well	QQ	Sec	Twp	Rng County		
43-047-39906	Chapita Wells Unit 761-22		swsw	22	98	22E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
В	99999	4905	7	7/27/2008		7/	30/08
Comments: Wass	atch well			·			

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Name (Please Print)

Signature Regulatory Assistant

Mary A. Maestas

Title

7/29/2008 Date

(5/2000)

RECEIVED JUL 2 9 2008

DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

5. Lease Serial No.

Do not use th	NOTICES AND REPO is form for proposals to II. Use form 3160-3 (API	drill or to re-enter an		6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.		7. If Unit or CA/Agre	ement, Name and/or No. LS UNI		
Type of Well     Oil Well	ner			8. Well Name and No. CHAPITA WELLS			
Name of Operator     EOG RESOURCES, INC.		MARY A. MAESTAS stas@eogresources.com		9. API Well No. 43-047-39618			
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	)	10. Field and Pool, or Exploratory NATURAL BUTTES/MESAVERDE					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)	-	11. County or Parish, and State			
Sec 19 T9S R23E SESW 456 40.01552 N Lat, 109.37237 W				UINTAH COUN	ITY, UT		
12. СНЕСК АРРІ	ROPRIATE BOX(ES) TO	) INDICATE NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	_			
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off		
Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclam	ation	■ Well Integrity		
<b>⊠</b> Subsequent Report	□ Casing Repair	■ New Construction	☐ Recomp	olete	Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	□ Tempor	arily Abandon	Well Spud		
	☐ Convert to Injection	☐ Plug Back	□ Water I	Disposal			

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well spud on 7/27/2008.

14. I hereby certify that the foregoing is true and correct.  Electronic Submission #61747 verified For EOG RESOURCES,	ied by the BLM Well Information System S, INC., sent to the Vernal	
Name(Printed/Typed) MARY A. MAESTAS	Title REGULATORY ASSISTANT	
Signature Manuflectionic Submission web	Date 07/28/2008	
THIS SPACE FOR FEDERA	RAL OR STATE OFFICE USE	
Approved By	Title Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. 5. Lease Serial No. UTU0337

6. If Indian, Allottee or Tribe Name

		- diameter			· · · · · · · · · · · · · · · · · · ·	
SUBMIT IN TRI	PLICATE - Other instruc	ctions on reverse	side.		<ol><li>If Unit or CA/Agree CHAPITA WELL</li></ol>	ment, Name and/or No. S UNI
Type of Well     Oil Well	ier				8. Well Name and No. CHAPITA WELLS	UNIT 1150-19
Name of Operator EOG RESOURCES, INC.					9. API Well No. 43-047-39618	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description,	)			11. County or Parish, a	nd State
					UINTAH COUNT	ry, ut
12. CHECK APPE	ROPRIATE BOX(ES) TO	) INDICATE NAT	URE OF N	OTICE, RI	EPORT, OR OTHER	DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
□ Notice of Intent	☐ Acidize	□ Deepen		_	` ,	☐ Water Shut-Off
Subsequent Deport		☐ Fracture T	reat	☐ Reclam	ation	☐ Well Integrity
Suosequent Report	□ Casing Repair	■ New Cons	truction	□ Recomp	olete	Other
☐ Final Abandonment Notice	Abandon	☐ Tempor	arily Abandon	Production Start-up		
	□ Convert to Injection	Plug Back		☐ Water I	Disposal	
following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi  The referenced well was turne report for drilling and completion	operations. If the operation respondent Notices shall be file and inspection.)  If to sales on 11/14/2008, on operations performed of the operations of the operation of the operation responds on the operation of the	sults in a multiple comped only after all require	eletion or recoments, including tached ope	mpletion in a ing reclamation	new interval, a Form 3160, have been completed, a mary	-4 shall be filed once
	Electronic Submission # For EOG R	64843 verified by th RESOURCES, INC.,	e BLM Well sent to the \	Information /ernal	System	
Name (Printed/Typed) MARY A. I	MAESTAS	Title	REGUL	ATORY AS	SISTANT	
Signature MA Ejectronas	ubmission au	Date	11/17/20	008		
Olive   Content   Conten						
						Date
certify that the applicant holds legal or equ	itable title to those rights in the	subject lease	o <del>ė</del>			
	U.S.C. Section 1212, make it a	crime for any person kr	nowingly and	willfully to ma	ke to any department or a	gency of the United

# WELL CHRONOLOGY REPORT

Report Generated On: 11-17-2008

Well Name	CWU 1150-19	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39618	Well Class	ISA
County, State	UINTAH, UT	Spud Date	09-13-2008	Class Date	11-14-2008
Tax Credit	N	TVD / MD	9,250/ 9,250	Property #	057851
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0
KB / GL Elev	5,107/ 5,090				
Location	Section 19, T9S, R23E, SE	SW, 456 FSL & 1832	FWL		

DRILL & COMPLETE

Operator	EOG RESOUR	CES, INC W	<b>T</b> % 55	.5817	NRI %	47.17	826
AFE No	303702	A	FE Total	1,749,800	DHC / CW	C 88	0,700/ 869,100
Rig Contr	TRUE	Rig Name	TRUE #9	Start Date	09-11-2007	Release Date	09-23-2008
09-11-2007	Reported B	y SHAI	RON CAUDILL				
DailyCosts: Di	rilling \$0		Completion	\$0	Daily T	otal \$0	•
Cum Costs: D	rilling \$0		Completion	\$0	Well To	otal \$0	1
MD	0 <b>TVD</b>	0 P	Progress 0	Days	0 <b>MW</b>	$0.0$ $\mathbf{V}_{j}$	isc 0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Depth:	0.0

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

456' FSL & 1832' FWL (SE/SW) SECTION 19, T9S, R23E

UINTAH COUNTY, UTAH

LAT: 40.015522, LONG: 109.372369 (NAD 83) LAT: 40.015556, LONG: 109.371689 (NAD 27)

Description

TRUE #9

OBJECTIVE: 9250' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU0337

ELEVATION: 5089.2' NAT GL, 5089.8' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5090'), 5107' KB

(17')

EOG BPO WI 55.5817%, NRI 47.17826%

07-24-2008

Reported By

TERRY CSERE

DailyCost	ts: Drilling	\$38,0	00	Con	npletion	\$0		Dail	ly Total	\$38,000	
Cum Cost	ts: Drilling	\$38,0	00	Con	npletion	\$0		Wel	l Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD I	OCATION								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	06:00	24.0 STA	ART LOCAT	TION TODAY 7	/24/08.						
07-25-20	08 Re	ported By	T	ERRY CSERE							
DailyCost	s: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Cost	ts: Drilling	\$38,0	00	Con	npletion	\$0		Wel	l Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD I	OCATION								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	06:00	24.0 LO	CATION 90	% COMPLETE							
07-28-20	08 Re	ported By	Tì	ERRY CSERE/J	ERRY BA	RNES					
DailyCost	s: Drilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Cost	s: Drilling	\$38,0	00	Con	npletion	\$0		Well	l Total	\$38,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	ne: WO AIR	RIG								
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	OF	14" CONDI	OMPLETE. CR UCTOR. CEME ND MICHAEL I	NT TO SU	RFACE WITH	READY M	X. JERRY	BARNES NO	_	
08-30-20	08 Re	ported By	LI	ESTER FARNS	WORTH	<del></del>					
DailyCost	s: Drilling	\$218,	303	Con	npletion	\$0		Dail	y Total	\$218,303	
	s: Drilling	\$256,	303	Con	apletion	\$0		Well	l Total	\$256,303	
MD	2,344	TVD	2,344	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı :		<b>PBTD</b> : 0	Ü		Perf:			PKR De	p <b>th</b> : 0.0	
Activity at	t Report Tii	ne: WORT							•	`	
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00	154 FLO WA BAO MII	0'. RAN 56 DAT COLLA SHED CAS CKSIDE. RI	S AIR RIG #4 C JTS (2253.15') AR. 8 CENTRAI BING TO BOTTO DMO CRAIGS BURTON CEME 74 PSIG. PUMP!	OF 9–5/8" LIZERS SI OM WITH RIG. ENTERS. H	, 36.0#, J–55, PACED MIDD PUMP TRUC IELD SAFETY	ST&C CASI LE OF SHO K. LANDED Y MEETING	NG WITH I E JOINT AI @ 2266' K . PRESSUR	HALLIBURTO ND EVERY C 'B. RAN 200' RE TESTÉD L	ON GUIDE SHO OLLAR TILL O OF 1" PIPE DO INES AND CEI	DE AND GONE. WN MENT
		VAI CEI	LVE TO 307 MENT. MIX		ED 5 BBL: O 200 SX (	S FRESH WAT 146 BBLS) OI	ER & 20 BE FPREMIUM	LS GELLE LEAD CE	ED WATER FL MENT W/0.29	USH AHEAD (	OF

TAILED IN W/300 SX (63 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/175 BBLS FRESH WATER. BUMPED PLUG W/600# @ 2:16 AM, 8/21/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 38 BBLS INTO FRESH WATER FLUSH. HAD PARTIAL RETURNS THROUGH OUT DISPLACEMENT. HOLE FELL BACK WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 40 SX (8.1 BBLS) OF PREMIUM CEMENT W/ 2% CACL2. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE FILLED AND CIRCULATED APPROXIMATELY 1 BBL WATER TO SURFACE. HALLIBURTON RAN OUT OF BULK CEMENT. SHUT DOWN AND WAIT ON BULK CEMENT.

TOP JOB # 2: BACKED OFF 1" PIPE AT 82'. MIXED & PUMPED 70 SX (14.3 BBLS) PREMIUM CEMENT W/ 2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CIRCULATED GOOD CEMENT TO SURFACE. HOLE STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE WITH STRAIGHT HOLE SURVEY. TAGGED CEMENT AT 2176' G.L. PICKED UP TO 2156' AND TOOK SURVEY — 2.5 DEGREE.

CONDUCTOR LEVEL RECORD: PS= 90.0 OPS= 89.9 VDS= 89.9 MS= 89.9. 9 5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.0 MS= 89.0.

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON  $8/19/2008 \ @\ 7:00\ PM$ .

09-13-20	08 R	eported By	P	ETE COMEAU				,			
DailyCost	s: Drilling	\$30,7	718	Con	pletion	\$0		Daily	Total	\$30,718	
Cum Cost	s: Drilling	\$287	,021	Com	pletion	\$0		Well	Total	\$287,021	
MD	2,344	TVD	2,344	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: MIRUR	Γ								
Start	End	Hrs Ac	ctivity Desc	cription							
06:00	18:00			TING WITH WE SED DERRIK @			E CAMP & R	RIG COMPLE	ETE FROM C	WU 1233020 T	O CWU
18:00	06:00	12.0 M	URI. GENEF	RAL RIG UP RIG	3 85% RIC	GED UP @ 0	06:00				
		CR	EWS FULL	, NO ACCIDEN	TS OR IN	CIDENTS RE	PORTED				
		2 (	CREWS WO	RKED 13 HRS,	CREW V	VORKED 12	HRS				
		SA	FETY MEE	TING. RIG MO	Æ, FORK	LIFT SAFET	Y.				
		RI	G MOVE, 2.	9 MILES 1 WAY							
		IN	TEND TO S	TART TEST BO	P'S @ 12:	00 HRS 9/13/0	08				
09-14-20	08 Re	ported By	P	ETE COMEAU							
DailyCost	s: Drilling	\$75,1	52	Com	pletion	\$0		Daily	Total	\$75,152	
Cum Cost	s: Drilling	\$362	,173	Com	pletion	\$0		Well	Total	\$362,173	
MD	2,850	TVD	2,850	Progress	506	Days	1	MW	0.0	Visc	0.0
Formation	ı:		PBTD:	0.0		Perf:			PKR De	<b>pth</b> : 0.0	
Activity at	Report Ti	me: DRILLI	NG @ 2850'						•	-	
Start	End	Hrs Ac	tivity Desc	rintion							

06:00	09:00	3.0 CONTINUE RIG UP.

11:30	16:00	4.5 RIG UP B&C QUICK TEST, TESTER, BRIAN RASMUSSEN. TEST UPPER & LOWER KELLY VALVE, SAFETY
		VALVE & INSIDE BOP TO 250 LOW FOR 10 MINUTES & 5000 PSI HIGH FOR 5 MINUTES, TEST PIPE RAMS &
		INSIDE BOP VALVES TO 250 PSI LOW FOR 10 MINUTES & 5000 PSI HIGH FOR 5 MINUTES, TEST PIPE RAMS,
		HCR & OUTSIDE KILL LINE VALVES TO 250 PSI LOW FOR 5 MINUTES & 5000 PSI HIGH FOR 10 MINUTES.
		TEST PIPE RAMS, CHOKE LINE, CHECK VALVE, LIPPIGHT GALIGE VALVE & INSIDE MANUFOLD VALVES TO

2.5 NIPPLE UP & FUNCTION TEST BOP. RIG ON DAYWORK @ 09:00 HRS, 09/13/08.

INSIDE BOP VALVES TO 250 PSI LOW FOR 10 MINUTES & 5000 PSI HIGH FOR 5 MINUTES, TEST PIPE RAMS, HCR & OUTSIDE KILL LINE VALVES TO 250 PSI LOW FOR 5 MINUTES & 5000 PSI HIGH FOR 10 MINUTES. TEST PIPE RAMS, CHOKE LINE, CHECK VALVE, UPRIGHT GAUGE VALVE & INSIDE MANIFOLD VALVES TO 250 PSI LOW FOR 5 MINUTES & 5000 PSI HIGH FOR 10 MINUTES. TEST ANNULAR TO 250 PSI LOW FOR 5 MINUTES & 2500 PSI HIGH FOR 10 MINUTES. TEST BLIND RAMS, CHOKE LINE, & MANIFOLD VALVES TO 250 PSI LOW FOR 5 MINUTES & 5000 PSI HIGH FOR 10 MINUTES. TEST BLIND RAMS & SUPER CHOKE TO 500 PSI FOR 5 MINUTES. TEST SURFACE CAING TO 1500 PSI FOR 30 MINUTES. ALL TESTS OK.

500 PSI FOR 5 MINUTES. TEST SURFACE CAING TO 1500 PSI FOR 30 MINUTES. ALL TESTS OK.

16:00 17:00 1.0 SET WEAR BUSHING. RIG UP KIMZEY PICK UP MACHINE. SAFETY MEETING

17:00 20:00 3.0 PICK UP BHA & DRILL PIPE

20:00 20:30 0.5 INSTALL ROTATING HEAD, RIG DOWN KIMZEY PICK UP MACHINE.

20:30 22:30 DRILL CEMENT/FLOAT EQUIP. TAG FLOAT COLLAR @ 2229, NO CEMENT ABOVE COLLAR. HARD CEMENT BELOW COLLAR, DRILL OUT SHOE, CLEAN OUT TO TD @ 2344, DRILL 10' NEW HOLE.

0.5 CIRCULATE HOLE CLEAN & SPOT HI-VIS PILL ON BOTTOM. RUN FIT TEST. TESTED TO 12.7 EMW. 380 PSI WITH 9.2 MUD @ 2266'

23:00 23:30 0.5 SURVEY

23:00

06:00

6.5 DRILL 7.875" HOLE FROM 2344 TO 2850. 506' @ 78 FPH. WOB 16/18, ROTARY 55 & MOTOR 73. #1 PUMP ON HOLE @ 130 SPM. 455 GPM @ 1350 PSI. MUD WT 9.4 & VIS 32.

FUEL ON LOCATION 9804, USED 896

2 CREWS FULL, WORKED 12 HRS EACH. 3 EXTRA MEN WORKED 8 HRS RIGGING UP.

SAFETY MEETING, WIRE LINE SURVEY

SPUD IN @ 23:30 HRS, 09/13/08

LEFT MESSAGE WITH JAMIE SPARGER, BLM @ 13:30 HRS 09/12/08 REGARDING BOP TEST

MORNING TOUR BOP DRILL, 102 SECONDS

FORMATIONS, MAHOGANY OIL SHALE - 2330

UNMANNED GAS DETECTOR ON LOCATION 1 DAY

06:00

09:00

22:30

23:30

11:30

#### SPUD 7 7/8" HOLE @ 23:30 HRS, 09/13/08.

09-15-2008	Re	ported By	P	ETE COMEAU									
DailyCosts:	Drilling	\$33,	983	Con	npletion	\$0		Daily	Total	\$33,983			
Cum Costs: Drilling \$397,855		7,855	Completion \$0				Well	<b>Fotal</b>	\$397,855	34.0			
MD	4,225	TVD	4,225	Progress	1,375	Days	2	MW	9.2	Visc	34.0		
Formation: PBTD			PBTD:	0.0		Perf:			PKR De	oth: 0.0			

Activity at Report Time: DRILLING @ 4225'

Start	End	Hrs	Activity Description
06:00	07:30		DRILL 7.875" HOLE FROM 2850 TO 2967. 117' @ 78 FPH. WOB 16/18. ROTARY 54 & MOTOR 71. #1 PUMP ON HOLE @ 128 SPM, 448 GPM @ 1350 PSI. MUD WT 9.2 & VIS 32
07:30	08:00	0.5	SURVEY
08:00	10:30		DRILL DRILL 7.875" HOLE FROM 2967 TO 3155. 188' @ 75 FPH. WOB 16/18 ROTARY 54 & MOTOR 70. #1 PUMP ON HOLE @ 129 SPM, 451 GPM @ 1350 PSI. MUD WT 9.3 & VIS 32
10:30	11:00	0.5	SERVICE RIG, FUNCTION CROWN O MATIC FOR DRILLING, FUNCTION PIPE RAMS.
11:00	17:00		DRILL 7.875" HOLE FROM 3155 TO 3628, 473' @ 79 FPH, WOB 18, ROTARY 54 & MOTOR 70. #1 PUMP ON HOLE @ 130 SPM, 455 GPM @ 1400 PSI. MUD WT 9.5 & VIS 35
17:00	17:30	0.5	SURVEY

17:30 06:00 12.5 DRILL 7.8765" HOLE FROM 3626 TO 4225 599 @ 48 FPH, WOB 18/21, ROTARY 54 & MOTOR 71. #1 PUMP ON HOLE @ 130 SPM, 455 GPM @ 1550 PSI. MUD WT 9.7 & VIS 33.

FUEL ON LOCATION 8700, USED 1100.

CREWS FULL, NO ACCIDENTS OR INCIDENTS REPORTED

SAFETY MEETINGS. #1 = CUTTING DRILL LINE. #2 = WASHING DRAWORKS

FORMATION TOPS: MAHOGANY OIL SHALE – 2330,  $\,$ 

UNMANNED GAS DETECTOR ON LOCATION 2 DAYS

09-16-20	008 Re	ported l	By PI	ETE COMEAU							
DailyCost	ts: Drilling	\$	30,405	Con	ompletion \$0			Daily	y Total	\$30,405	
Cum Cos	ts: Drilling	\$	428,261	Con	npletion	\$0		Well	Total	\$428,261	
MD	5,120	TVD	5,120	Progress	895	Days	3	MW	9.5	Visc	35.0
Formation	n:	<b>PBTD</b> : 0.0 <b>Perf</b> :							PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: DRII	LLING @ 5120'								
Start	End	Hrs	Activity Desc	ription							
06:00	13:00	7.0	DRILL 7.875" I 130 SPM, 455 C	FROM 4225 TO GPM @ 1450 PS	,	_	,	ROTARY 54	& MOTOR 7	1. #1 PUMP O	N HOLE @
13:00	13:30	0.5	SURVEY								
13:30	14:00	0.5	SERVICE RIG,	FUNCTION C	ROWN O	MATIC, FUNC	CTION HCR				
14:00	06:00	16.0	DRILL 7.875" I HOLE @ 128 S						ARY 54 & MO	TOR 70. #1 PU	JMP ON
			FUEL ON SITE			CIDENTS REI	PORTED				
			SAFETY MEE	TINGS. WORK	ING ON P	UMPS					

09-17-2008	Re	eported By	P	PETE COMEAU / DAVID GREESON									
DailyCosts:	Drilling	\$103	,903	Con	npletion	\$0		Daily	Total	\$103,903			
Cum Costs: Drilling \$532,164		,164	Completion \$0				Well '	Total	\$532,164				
MD	5,860	TVD	5,860	Progress	740	Days	4	MW	10.2	Visc	34.0		
Formation: PBTD			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0			

FORMATION TOPS: MAHOGANY OIL SHALE - 2330, WASATCH - 4651

UNMANNED GAS DETECTOR ON LOCATION 3 DAYS

Activity at Report Time: DRILLING @ 5860

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL DRILL 7.875" HOLE FROM 5120 TO 5355, 235' @ 40 FPH. WOB 20, ROTARY 54 & MOTOR 71. #1 PUMP ON HOLE @ 128 SPM, 448 GPM @ 1625 PSI, MUD WT 10.1 & VIS 34
12:00	12:30	0.5	SERVICE RIG, FUNCTION CROWN O MATIC & SUPERCHOKE
12:30	06:00	17.5	DRILL 7.875" HOLE FROM 5355 TO 5860, 505' 28 FPH. WOB 18, ROTARY 54 & MOTOR 71. #1 PUMP ON HOLE @ 128 SPM, 448 GPM @ 1685 PSI. MUD WT 10.2 & VIS 33.

FUEL 6600, USED 1100

CREWS FULL, NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS. #1 - NEW CREW MEMBERS, #2 = RIG SERVICE.

FORMATION TOPS: MAHOGANY SHALE - 2330., WASATCH - 4651, CHAPITA WELLS - 5209

UNMANNED GAS DETECTOR ON LOCATION ON LOCATTION 4 DAYS

DailyCost		eported B	sy PE	ETE COMEAU /	DAVID G	REESON					
	ts: Drilling	\$4	4,482	Con	pletion	\$7,568		Daily	y Total	\$52,051	
Cum Cost	ts: Drilling	\$5	76,647	Con	pletion	\$7,568		Well	Total	\$584,215	
MD	6,600	TVD	6,600	Progress	740	Days	5	$\mathbf{MW}$	10.4	Visc	35.0
Formatio	n:		<b>PBTD</b> : 0.	.0		Perf:			PKR De	oth: 0.0	
Activity a	t Report Ti	me: DRIL	LING @ 6600'								
Start	End	Hrs .	Activity Desc	ription							
06:00	06:30			5860' TO 5885, 00 PSI. MUD W			OTARY 5	4 & MOTOR	71. #1 PUMP	ON HOLE @	128 SPM,
06:30	07:00	0.5	CIRCULATE F	OR TOOH. DRO	OP SURVE	EY, PUMP DRY	JOB SLU	G.			
07:00	10:00	3.0	TRIP OUT OF	THE HOLE FO	R BIT #2. \$	SET COM TRIP	PING. LE	ROLLER R	EAMERS AN	D MUD MOTO	OR.
10:00	12:30	2.5	TRIP IN THE H	IOLE W/ BIT #2	2, MI616 V	W/ 6 X 14'S AN	DA 0.16	MM.			
12:30	15:30			5885' TO 6022', 00 PSI. MUD W			ROTARY	54 & MOTO	PR 71. #1 PUN	AP ON HOLE	@ 128 SPM
15:30	16:00	0.5	SERVICE RIG.	CHECK COM	DRILLING	<b>3</b> .					
16:00	06:00			6022' TO 6600, 00 PSI. MUD W			ROTARY	54 & MOTO	R 71. #1 PUM	IP ON HOLE (	@ 128 SPM
				ATION, 5400, U							
			•	NO ACCIDEN			ORTED.				
				ΓINGS, #1 – TR	•						
		-	– 5881, NORTH	TOPS: MAHOG. I HORN – 6559 GAS DETECTO				4651, CHAI	PITA WELLS	– 5209, BUCK	CANYON
09-19-20	no Da	ported B		TE COMEAU		DATION - 3 DA	115				·-··
		իու ւշս ո	y 112	TE COMEAC							
DailyCosts: Drilling \$43,635		3 635	Com	mlotion	90		Dath	Total	\$42 625		
-	_		•		pletion	\$0 \$7.568		•	Total	\$43,635 \$627,364	
Cum Cost	ts: Drilling	\$6	19,796	Com	pletion	\$7,568	6	Well	Total	\$627,364	34.0
Cum Cost	ts: Drilling		19,796 7,330	Com Progress	-	\$7,568 <b>Days</b>	6	•	Total	\$627,364 <b>Visc</b>	34.0
Cum Cost MD Formation	7,330	\$6 <b>TVD</b>	7,330 <b>PBTD</b> : 0.	Com Progress	pletion	\$7,568	6	Well	Total	\$627,364 <b>Visc</b>	34.0
Cum Cost MD Formation Activity a	ts: Drilling 7,330 n: t Report Ti	\$6 <b>TVD</b> me: DRIL	7,330 <b>PBTD:</b> 0.  LING @ 7330'	Com Progress	pletion	\$7,568 <b>Days</b>	6	Well	Total	\$627,364 <b>Visc</b>	34.0
Cum Cost MD Formation Activity a	7,330	\$6 TVD me: DRILL Hrs 4	19,796 7,330 <b>PBTD:</b> 0. LING @ 7330' <b>Activity Desci</b> DRILL 7.875" F	Com Progress 0 ription HOLE FROM 66	730 730 600' TO 68	\$7,568 <b>Days Perf:</b> 07. 207' @ 32 F	PH. WOB	Well MW 18/20, ROTA	Total 10.9 PKR Dep	\$627,364 Visc oth: 0.0	
Cum Cost MD Formation Activity a Start	ts: Drilling 7,330 n: t Report Til	\$6 <b>TVD</b> me: DRILL  Hrs	19,796 7,330 <b>PBTD:</b> 0. LING @ 7330' <b>Activity Desc</b> i DRILL 7.875" F HOLE @ 128 SI	Com Progress 0 ription HOLE FROM 66 PM 448 GPM @	730 730 600' TO 68	\$7,568  Days  Perf:  07. 207' @ 32 F.  MUD WT 10.9	PH. WOB 0 & VIS 34	Well MW 18/20, ROTA	Total 10.9 PKR Dep	\$627,364 Visc oth: 0.0	
Cum Cost MD Formation Activity a Start 06:00	ts: Drilling 7,330 n: t Report Tin End 12:30	\$6 <b>TVD</b> me: DRILL  Hrs  6.5 1  0.5 3  17.0 1	7,330  PBTD: 0.  LING @ 7330'  Activity Descript 1.875" FHOLE @ 128 SI  SERVICE RIG, DRILL 7.875" F	Com Progress 0 ription HOLE FROM 66	730 730 600' TO 68 3 1850 PSI ROWN O M	\$7,568 <b>Days Perf:</b> 07. 207' @ 32 F  MUD WT 10.9  MATIC FOR DR  10, 523' @ 30 FI	PH. WOB & VIS 34 ILLING, PH. WOB	Well MW  18/20, ROTA  FUNCTION	Total 10.9 PKR Dep ARY 53 & MC	\$627,364  Visc oth: 0.0	JMP ON
Cum Cost MD Formation Activity a Start 06:00 12:30	7,330 n: t Report Til End 12:30	\$6.5 1 0.5 5 17.0 1	19,796 7,330 PBTD: 0. LING @ 7330' Activity Desci DRILL 7.875" F HOLE @ 128 SI SERVICE RIG, DRILL 7.875" F ! 125 SPM, 434	Com Progress 0 ription HOLE FROM 66 PM 448 GPM @ FUNCTION CF	730 730 600' TO 68 1850 PSI ROWN O M	\$7,568 <b>Days Perf:</b> 07. 207' @ 32 F  MUD WT 10.9  MATIC FOR DR  10, 523' @ 30 FI  WT 11.1 & VIS	PH. WOB WIS 34 ILLING, PH. WOB 34.	Well MW  18/20, ROTA  FUNCTION	Total 10.9 PKR Dep ARY 53 & MC	\$627,364  Visc oth: 0.0	JMP ON
Cum Cost MD Formation Activity a Start 06:00 12:30	7,330 n: t Report Til End 12:30	\$6 <b>TVD</b> me: DRILL  Hrs  6.5  0.5  17.0  1	19,796 7,330 PBTD: 0. LING @ 7330' Activity Describer 128 Signature 128 Signature 125 SPM, 434 FUEL ON LOCA	Com Progress 0 ription HOLE FROM 66 PM 448 GPM @ FUNCTION CF HOLE FROM 68 GPM @ 1925 P	730 730 730 730 730 700 70 68 700 70 733 700 70 733 700 70 733 700 70 733 700 70 733	\$7,568  Days  Perf:  07. 207' @ 32 F  MUD WT 10.9  MATIC FOR DR  50, 523' @ 30 FI  WT 11.1 & VIS	PH. WOB WIS 34 ILLING, PH. WOB 34.	Well MW  18/20, ROTA  FUNCTION	Total 10.9 PKR Dep ARY 53 & MC	\$627,364  Visc oth: 0.0	JMP ON
Cum Cost MD Formation Activity a Start 06:00 12:30	7,330 n: t Report Til End 12:30	\$6 <b>TVD</b> me: DRILL  Hrs  6.5 1  0.5 8  17.0 1	7,330  PBTD: 0.  LING @ 7330'  Activity Describer 128 Signature 128 Signature 125 SPM, 434  FUEL ON LOCCREWS FULL,	Progress  0  ription  HOLE FROM 66  PM 448 GPM @  FUNCTION CR  HOLE FROM 68  GPM @ 1925 P	730 730 730 730 730 730 730 730 730 730	\$7,568  Days  Perf:  07. 207' @ 32 F  MUD WT 10.9  MATIC FOR DR  60, 523' @ 30 FI  WT 11.1 & VIS  , RECIEVED 25  CIDENTS REPO	PH. WOB  & VIS 34  ILLING, PH. WOB  34.  600  DRTED.	Well MW  18/20, ROTA  FUNCTION 18, ROTARY	Total 10.9 PKR Dep ARY 53 & MC	\$627,364  Visc oth: 0.0	JMP ON
Cum Cost MD Formation Activity a Start 06:00 12:30	7,330 n: t Report Til End 12:30	\$6 <b>TVD</b> me: DRILL  Hrs  6.5 1  0.5 3  17.0 1	19,796 7,330 PBTD: 0. LING @ 7330' Activity Desci DRILL 7.875" F HOLE @ 128 SI SERVICE RIG, DRILL 7.875" F ! 125 SPM, 434 FUEL ON LOC. CREWS FULL, SAFETY MEET FORMATION T	Progress 0  ription HOLE FROM 66 PM 448 GPM @ FUNCTION CF HOLE FROM 68 GPM @ 1925 P  ATION 6700, U NO ACCIDEN'	ppletion 730 730 730 730 730 730 730 730 730 730	\$7,568  Days  Perf:  07. 207' @ 32 F.  MUD WT 10.9  MATIC FOR DR  60, 523' @ 30 FI  WT 11.1 & VIS  RECIEVED 25  CIDENTS REPC  5. #2 = CHANG  LE - 2330, WA	PH. WOB WIS 34 WOB WIS 34 WOB WOS	Well MW  18/20, ROTA  FUNCTION 18, ROTARY  OIL.	Total 10.9 PKR Dep ARY 53 & MC ANNULAR 7 51 & MOTO	\$627,364  Visc  oth: 0.0  OTOR 71. #1 PU  OR 69. #1 PUM	JMP ON P ON HOL
Cum Cost MD Formation Activity a Start 06:00 12:30	7,330 n: t Report Til End 12:30	\$6 <b>TVD</b> me: DRILL  Hrs  6.5 1  0.5 8  17.0 1	19,796 7,330 PBTD: 0. LING @ 7330' Activity Describer Toron 128 Signature 125 SPM, 434 FUEL ON LOCACTEWS FULL, SAFETY MEET FORMATION TESS81, NORTH F	Progress  0  ription  HOLE FROM 66 PM 448 GPM @ FUNCTION CF HOLE FROM 68 GPM @ 1925 P  ATION 6700, U NO ACCIDEN' TINGS: #1 – SL TOPS: MAHOG	pletion 730 730 730 730 730 730 730 730 730 730	\$7,568  Days  Perf:  07. 207' @ 32 F.  MUD WT 10.9  MATIC FOR DR  60, 523' @ 30 FI WT 11.1 & VIS  RECIEVED 25  CIDENTS REPC  5. #2 = CHANG  LE - 2330, WA  ERIVER - 686	PH. WOB  WIS 34  WOB  ORTED.  ING HOT  SATCH—  i2,	Well MW  18/20, ROTA  FUNCTION 18, ROTARY  OIL.	Total 10.9 PKR Dep ARY 53 & MC ANNULAR 7 51 & MOTO	\$627,364  Visc  oth: 0.0  OTOR 71. #1 PU  OR 69. #1 PUM	JMP ON P ON HOL
Cum Cost MD Formation Activity a Start 06:00 12:30	ts: Drilling 7,330 n: t Report Tin End 12:30 13:00 06:00	\$6 <b>TVD</b> me: DRILL  Hrs  6.5 1  0.5 8  17.0 1	19,796 7,330 PBTD: 0. LING @ 7330' Activity Desci DRILL 7.875" H HOLE @ 128 SI SERVICE RIG, DRILL 7.875" H ! 125 SPM, 434 FUEL ON LOC. CREWS FULL, SAFETY MEET FORMATION T 5881, NORTH H UNMANNED L	Progress  0  ription  HOLE FROM 66 PM 448 GPM @ FUNCTION CF HOLE FROM 68 GPM @ 1925 P  ATION 6700, U  NO ACCIDEN' TINGS: #1 - SL  COPS: MAHOG, HORN - 6559, K	pletion 730 730 730 730 730 730 730 730 730 730	\$7,568  Days  Perf:  07. 207' @ 32 F.  MUD WT 10.9  MATIC FOR DR  60, 523' @ 30 FI WT 11.1 & VIS  RECIEVED 25  CIDENTS REPC  5. #2 = CHANG  LE - 2330, WA  ERIVER - 686	PH. WOB  WIS 34  WOB  ORTED.  ING HOT  SATCH—  i2,	Well MW  18/20, ROTA  FUNCTION 18, ROTARY  OIL.	Total 10.9 PKR Dep ARY 53 & MC ANNULAR 7 51 & MOTO	\$627,364  Visc  oth: 0.0  OTOR 71. #1 PU  OR 69. #1 PUM	JMP ON P ON HOL

Cum Costs	Cum Costs: Drilling \$651,486		6	Con	npletion	\$8,009		W	ell Total	\$659,496	
MD	7,930	TVD	7,930	Progress	600	Days	7	MW	11.3	Visc	36.0
Formation	:	P	BTD: 0.0	0		Perf:			PKR Dep	oth: 0.0	
Activity at	Report Ti	me: DRILLING	@ 7930'								
Start	End	Hrs Activ	ity Descr	iption							
06:00	12:00			OLE FROM 7 O GPM @ 1900		_		B 18, ROTA	RY 51 & MOTO	R 67. #1 PUM	P ON HOLE
12:00	12:30	0.5 SERV VALV	-	FUNCTION C	ROWN O N	MATIC FOR	DRILLING	G, FUNCTIO	N KILL LINE V	ALVE. CHEC	K FLOOR
12:30	06:00			OLE FROM 7 PM, 420 GPM		_			OTARY 51 & MC	OTOR 67.#1 P	UMP ON
		FUEL	, 5400, USI	ED 1300							
		CREV	VS FULL,	NO ACCIDEN	TD OR IN	CIDENTS R	EPORTED				
		SAFE	ТҮ МЕЕТ	INGS: WATER	R AROUND	GENERAT	OR, #2 = T	EAMWORK			
		FORM	ATION T	OPS: MAHOC	ANY OIL	SHALE - 2	330. WASA	TCH - 4651	. CHAPITA WEI	LLS - 5209. B	UCK
								– 6862, KM	V PRICE RIVE	R (M) – 7736.	
		UNM	ANNED G	AS DETECTO	OR ON LOC	CATION 7 D	AYS				
09-21-200	8 Re	ported By	PE'	TE COMEAU							
DailyCosts	: Drilling	\$43,530		Con	npletion	\$1,971		Da	ily Total	\$45,501	
Cum Costs	: Drilling	\$695,010	6	Con	npletion	\$9,980		W	ell Total	\$704,997	
MD	8,350	TVD	8,350	Progress	420	Days	8	MW	11.4	Visc	36.0
Formation	:	P	0		Perf:			PKR Dep	oth: 0.0		
Activity at	Report Ti	me: DRILLING	@ 8350'								
Start	End	Hrs Activ	ity Descr	iption							
06:00	10:00			OLE FROM 7 OGPM @ 1950		_		3 18, ROTAR	Y 51 & MOTOR	k 67. #1 PUMI	ON HOLE
10:00	11:00	1.0 CIRC	ULATE HO	OLE CLEAN F	OR BIT T	RIP.					
11:00	11:30	0.5 SURV	ΈΥ								
11:30	14:30	3.0 TRIP	FOR BIT.	SET CROWN	O MATIC I	OR TRIP O	N FIRST S	TAND.			
14:30	15:00	0.5 CHAN	NGE OUT	BIT & MOTO	R.						
15:00	18:30	3.5 TRIP	IN HOLE	WITH NEW B	IT # 3. REA	AM 1 TIGHT	SPOT 580	00 TO 5880			
18:30	19:00	0.5 WASH	1 50' TO B	OTTOM, 5' FI	LL						
19:00	06:00			OLE FROM 8 GPM @ 2160				B 19, ROTA	RY 53 & MOTO	R 70. #1 PUM	P ON HOLE
		FUEL	ON LOCA	ATION, 4100, 1	USED 1300						
		CREV	VS FULL,	NO ACCIDEN	TS OR INC	CIDENTS R	EPORTED				
		SAFE	TY MEET	INGS: #1 7 2 -	- TRIPPING	3					
									HAPITA WELLS RIVER (M) 7730		CANYON
		UNM	ANNED G	AS DETECTO	R ON LOC	CATION 8 I	DAYS.				
09-22-200	8 Re	ported By	PE	TE COMEAU							
DailyCosts	: Drilling	\$28,373		Con	npletion	\$502		Da	ily Total	\$28,875	
Cum Costs: Drilling \$723,390			Con	pletion	\$10,482			ell Total	\$733,872		

MD	8,960	TVD	8,960	Progress	610	Days	9	MW	11.4	Visc	36.0
Formatio	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: DRII	LLING @ 8960'								
Start	End	Hrs	Activity Desc	ription							
06:00	06:30	0.5	DRILL 7.875" 1 @ 125 SPM, 43			78. 28' @ 56 FPI OWT 11.4 & VII		0, ROTARY	53 & MOTOF	R 70. #1 PUMP	ON HOLE
06:30	07:00	0.5	SERVICE RIG.	FUNCTION C	RÓWN O I	MATIC FOR DR	ILLING, I	FUNCTION	PIPE RAMS.		
07:00	06:00	23.0	DRILL 7.875" (a) 124 SPM, 43			60. 582' @ 25 FI OWT 11.6 & VIS		18, ROTARY	7 52 & MOTO	R 69. #1 PUM	P ON HOLE
			FUEL 2900, US	SED 1200							
			CREWS FULL	, NO ACCIDEN	TS OR INC	CIDENTS REPO	ORTED				
			SAFETY MEE	TINGS: #1 – 10	0% TIE OF	F ABOVE 6'. #	#2 - PAIN	TING			
			CANYON - 58 PRICE RIVER	81, NORTH HC (L) – 8539.	)RN – 6559	SHALE – 2330, D, KMV PRICE I CATION 9 DAY:	RIVER –				
09-23-20	ing Da	ported l		TE COMEAU		DATION 9 DATE					
	ts: Drilling	-	32,949		anlatian	\$1,890		Dalla	v Madal	\$24.920	
•	•		756,340		apletion			•	y Total	\$34,839	
	ts: Drilling		r		apletion	\$12,372	10		Total	\$768,712	26.0
MD	9,250	TVD	9,250	Progress	290	Days	10	MW	11.5	Visc	36.0
Formation	n : it Report Tii		<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
				• •							
Start	End	Hrs	Activity Desc	-							
06:00	07:00		_	7 GPM @ 2200	PSI. MUD	WT 11.5 & VIS	S 36.			. 70. #1 PUMP	ON HOLE
07:00	07:30		SERVICE RIG,								
07:30	21:00		DRILL 7.875" I HOLE @ 124 S								
21:00	22:30	1.5	CIRCULATE H	OLE CLEAN F	OR WIPEF	R TRIP.					
22:30	00:30	2.0	WIPER TRIP 2	0 STANDS. HO	LE IN GOO	OD CONDITIO	N.				
00:30	02:00	1.5	CIRCULATE H	OLE CLEAN F	OR CASIN	IG. 10' FLARE	FOR 10 M	IINUTES.			
02:00	02:30	0.5	SURVEY,								
02:30	06:00	3.5	CASING POIN	T, LAY DOWN	DRILL ST	RING.					
			FUEL ON LOC	ATION, 2700 G	ALLONS,	USED 1200, RF	ECIEVED	1000			
			CREWS FULL,	NO ACCIDEN	TS OR INC	CIDENTS REPO	RTED				
			SAFETY MEET	TING. LAY DO	WN DRILI	_ PIPE					
			FORMATION 7 5881, NORTH I			LE – 2330, WAS ER – 6862, PRI					
			9050								
09-24-20	08 Re	ported I	<del></del>	ETE COMEAU					*****		
09–24–20 DailyCost	08 Re	•	<del></del>		apletion	\$186,395		Daily	/ Total	\$228,095	
DailyCost		\$	By PE	Con	apletion	\$186,395 \$198,767		•	7 Total Total	\$228,095 \$996,808	

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Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION Start End Hrs **Activity Description** 06:00 09:30 3.5 LDDP, AT 2400' +/- WELL STARTED TAKING FLUID. WELL TOOK 40 BBLS MUD. STARTED ADDING WATER FROM RESERVE. WELL STABALIZED. 09:30 10:00 0.5 PULL WEAR BUSHING 0.5 RIG UP WEATHERFORD TRS. HOLD SAFETY MEETING. 10:00 10:30  $5.5\,$  Run 4 1/2" Production Casing as follows. Run 210 joints of 4 1/2" N-80, 11.6#, LT&C Casing with 10:30 16:00 FLOAT SHOE @ 9240.73' & FLOAT COLLAR @ 9194.11', 2 HCP-110, 11.6# LT&C MARKER JOINTS AT 6446.86' & 4273.09'. 16:00 16:30 0.5 PICK UP JOINT # 211 & TAG BOTTOM. LAY BACK DOWN. PICK UP DTO HANGER & HANG OFF CASING.. RIG DOWN WEATHERFORD TRS 16:30 17:00 0.5 RIG UP SCHLUMBERGER, SAFETY MEETING 17:00 19:30 2.5 CEMENT PRODUCTION CASING AS FOLLOWS: PRESSURE TEST LINES TO 5000 PSI. PUMP 20 BBLS CHEM WASH FOLLOWED BY 20 BBLS FRESH WATER. MIX & PUMP 425 SKS 65/35 G ( 149.8 BBLS) CEMENT MIXED @ 12.5 PPG PLUS ADDITIVES, YEALD 1.98 F3/SK FOLLOWED BY 1505 SKS 50/50 POAZ MIXED @ 14.1 PPG. (345.7 BBLS SLURRY) PLUS ADDITIVES, YEALD 1.29 F3/SK. DISPLACED WITH 142.5 BBLS WATER, BUMPED PLUG WITH 1000 PSI OVER CIRCULATING PRESSURE. FLOATS HELD. 19:30 20:30 1.0 SET & TEST DTO SEALS TO 5000 PSI. 3.0 CLEAN MUD TANKS, NIPPLE DOWN BOP. 20:30 23:30 23:30 06:00 6.5 RIG DOWN, MOVE OFF. CREWS FULL, NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: #1 - LAY DOWN DRILL PIPE. #2 - RUN CASING TRUCKS ORDERED FOR 07:00 TO MOVE MINI CAMP & RIG COMPLETE. RIG MOVE 0.9 MILES 1 WAY UNMANNED GAS DETECTOR ON LOCATION 10 DAYS TRANSFERED 4 JOINTS 4 1/2" N-80, 11.6# LT&C CASING & 3 HCP-110, 4 1/2", LT&C, 11.6# MARKER JOINTS ON FR# 07434.TO CWU 1210-24 TRANSFERED 2200 GALLONS #2 DIESEL TO CWU 1210-24 06:00 RIG RELEASED @ 23:30 HRS, 9/23/08. CASING POINT COST \$782,213 10-01-2008 Reported By **SEARLE** DailyCosts: Drilling \$0 Completion **Daily Total** \$44,810 \$44,810 **Cum Costs: Drilling** \$798,040 Completion \$243,577 Well Total \$1,041,618 MD 9,250 TVD 9,250 12 0.0 0.0 **Progress** MW Visc Days Formation: **PBTD:** 9194.0 PKR Depth: 0.0 Perf: Activity at Report Time: PREP FOR FRACS Start End **Activity Description** Hrs 06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 490'. EST CEMENT TOP @ 850'. RD SCHLUMBERGER. MCCURDY 10-19-2008 Reported By **DailyCosts: Drilling** \$0 Completion \$1,723 **Daily Total** \$1,723 **Cum Costs: Drilling** \$798,040 Completion \$245,300 Well Total \$1,043,341

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MD 9.250 9,250 TVD **Progress** 0 Days 13 MW0.0 Visc 0.0 Formation: **PBTD:** 9194.0 Perf: PKR Depth: 0.0

Activity at Report Time: WO COMPLETION

Start End Hrs Activity Description

06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

10-21-2008	Rep	orted By	,	WHITEHEAD							
DailyCosts: I	rilling	\$0		Con	pletion	\$8,476		Daily	Total	\$8,476	
Cum Costs: I	Prilling	\$798,	,040	Com	pletion	\$253,776		Well '	Total	\$1,051,817	
MD	9,250	TVD	9,250	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			PBTD:	9194.0		Perf: 7586'-	8979'		PKR De	<b>pth:</b> 0.0	

Activity at Report Time: FRAC

 Start
 End
 Hrs
 Activity Description

 06:00
 06:00
 24.0 MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 8811'-12', 8819'-20', 8825'-26', 8851'-52', 8887'-88', 8905'-06', 8924'-25', 8946'-47', 8959'-60', 8971'-72', 8977'-78', 8978'-79' @ 3 SPF @ 120° PHASING. RDWL.

 MIRU SCHLUMBERGER FRAC DOWN CASING W. 165 GAL GYPTRON T-106 4147 GAL WELLG LINEAR

MIRU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4147 GAL WF116 LINEAR PREPAD, 2104 GAL YF116ST+ PAD, 34493 GAL YF116ST+ W/ 110300 # 20/40 SAND @ .5-5 PPG. MTP 6639 PSIG.

MTR 51.4 BPM. ATP 5158 PSIG. ATR 46.3 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 8740'. PERFORATE L/MPR FROM 8470'-71', 8477'-78', 8517'-18', 8525'-26', 8571'-72', 8584'-85', 8597'-98', 8608'-09', 8633'-34', 8641'-42', 8687'-88', 8709'-10' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4174 GAL YF120ST+ PAD, 41184 GAL YF116ST+ W/ 137600 # 20/40 SAND @ .5-5 PPG. MTP 6442 PSIG. MTR 51.4 BPM. ATP 5255 PSIG. ATR 47.8 BPM. ISIP 3450 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 8420'. PERFORATE MPR FROM 8155'-56', 8173'-74', 8188'-89', 8199'-00', 8214'-15', 8230'-31', 8247'-48', 8276'-77', 8302'-03', 8329'-30', 8360'-61', 8396'-97' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4172 GAL YF120 ST+ PAD, 26540 GAL YF116ST+ W/ 69700 # 20/40 SAND @ .5-4 PPG. MTP 6701 PSIG. MTR 50.9 BPM. ATP 5399 PSIG. ATR 39.7 BPM. ISIP 2600 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 8110'. PERFORATE MPR FROM 7920'-21', 7941'-42', 7947'-48', 7959'-60', 7985'-86', 8000'-01', 8022'-23', 8043'-44', 8050'-51', 8070'-71', 8082'-83', 8090'-91' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4171 GAL YF120ST+ PAD, 43063 GAL YF116ST+ W/ 146000 # 20/40 SAND @ .5-5 PPG. MTP 6110 PSIG. MTR 51.3 BPM. ATP 4863 PSIG. ATR 48.4 BPM. ISIP 3250 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 7885'. PERFORATE MPR FROM 7742'-43', 7763'-64', 7779'-80', 7785'-86', 7791'-92', 7802'-03', 7816'-17', 7837'-38', 7838'-39', 7857'-58', 7863'-64', 7868'-69' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2074 GAL YF116ST+ PAD, 45753 GAL YF116ST+ W/ 156400 # 20/40 SAND @ .5-5 PPG. MTP 6484 PSIG. MTR 51.3 BPM. ATP 4866 PSIG. ATR 48.6 BPM. ISIP 4600 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 7710'. PERFORATE UPR FROM 7586'-87', 7587'-88', 7596'-97', 7611'-12', 7622'-23', 7633'-34', 7634'-35', 7642'-43', 7643'-44', 7659'-60', 7679'-80', 7688'-89' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2071 GAL YF116ST+ PAD, 41232 GAL YF116ST+ W/ 137200 # 20/40 SAND @ .5-5 PPG. MTP 5974 PSIG. MTR 52.6 BPM. ATP 4243 PSIG. ATR 48.4 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER.SDFN.

10-22-2008	Reported By	WHITEHEAD & IVIE			
DailyCosts: Drilli	ng \$0	Completion	\$299,201	Daily Total	\$299,201
Cum Costs: Drill	ing \$798,040	Completion	\$552,977	Well Total	\$1,351,018

0.0 9,250 0.0 Visc MD TVD 9,250 **Progress** Days 15 MW**PBTD**: 9194.0 Perf: 7192'-8979' PKR Depth: 0.0 Formation: MESAVERDE Activity at Report Time: DRILL PLUGS Start End Hrs **Activity Description** 24.0 RUWL SET 6K CFP AT 7500'. PERFORATE UPR FROM 7192'-93', 7205'-06', 7256'-57', 7271'-72', 7312'-13', 06:00 06:00  $7319^{\circ}-20^{\circ}, 7356^{\circ}-57^{\circ}, 7387^{\circ}-88^{\circ}, 7416^{\circ}-17^{\circ}, 7426^{\circ}-27^{\circ}, 7434^{\circ}-35^{\circ}, 7455^{\circ}-56^{\circ} \ @\ 3\ SPF\ @\ 120^{\circ}\ PHASING.\ RDWL.\ RU$ SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 2078 GAL YF116ST+ PAD 42663 GAL YF116ST+ W/ 144900 # 20/40 SAND @ .5-5 PPG. MTP 5703 PSIG. MTR 49.9 BPM. ATP 4167 PSIG. ATR 46.6 BPM. ISIP 3300 PSIG.RDMO. SCHLUMBERGER. RUWL. SET 6K CBP AT 7097'. RDMO WIRELINE. MIRU ROYAL RIG # 1. ND FRAC VALVES, NUBOP, RIH W/ MILL, TAGGED @ 7097'. RU DRILLING EQUIP. SWI-HAL IVIE 10-23-2008 Reported By \$0 \$75,887 \$75,887 DailyCosts: Drilling Completion **Daily Total** Well Total **Cum Costs: Drilling** \$798,040 Completion \$628,864 \$1,426,905 MD 9,250 TVD MW 0.0 0.0 9,250 Progress Days Visc **PBTD:** 9194.0 PKR Depth: 0.0 **Formation: MESAVERDE** Perf: 7192'-8979' Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 7097', 7500', 7710', 7885', 8110', 8420', 8740', RIH. 06:00 06:00 CLEANED OUT TO PBTD @ 9194'. LANDED TBG AT 7689.44' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 16 HRS. 24/64" CHOKE. FTP 1250 PSIG, CP 1150 PSIG. 78 BFPH. RECOVERED 1256 BBLS, 6718 BLWTR. TUBING DETAIL LENGTH PUMP OFF SUB 1.00° 1 JT 2-3/8 4.7# N-80 TBG 31.78' XN NIPPLE 1.10' 242 JTS 2-3/8 4.7# N-80 TBG 7638.66' BELOW KB 17.003 LANDED @ 7689.54' KB 10-24-2008 HAL IVIE Reported By DailyCosts: Drilling \$0 Completion \$2,565 **Daily Total** \$2,565 **Cum Costs: Drilling** \$798,040 Completion \$631,429 Well Total \$1,429,470 9,250 9,250 **Progress** 17 MW0.0 0.0 Days Visc Formation: MESAVERDE **PBTD:** 9194.0 Perf: 7192'-8979' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 1400 PSIG. CP 900 PSIG. 48 BFPH. RECOVERED 1159 BLW. 5559 BLWTR. 10-25-2008 HAL IVIE Reported By

\$2,565

**Daily Total** 

\$2,565

Completion

\$0

DailyCosts: Drilling

	illing	\$798,0	040	Cor	mpletion	\$633,994		Well	Total	\$1,432,035	
<b>MD</b> 9	,250	TVD	9,250	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation : MI	ESAVE	RDE	<b>PBTD</b> : 9	194.0		Perf: 7192'-	-8979'		PKR De	<b>pth:</b> 0.0	
Activity at Rep	ort Tir	ne: FLOW T	EST								
Start End		Hrs Act	tivity Desc	ription							
06:00 06	6:00		OWED 24 H WTR.	RS. 24/64 CHC	KE. FTP-	1200 PSIG, CF	- 1500 P	PSIG. 34 BFI	PH. RECOVE	ERED 805 BBLS	4754
10-26-2008	Re	ported By	H	AL IVIE							
DailyCosts: Dri	lling	\$0		Cor	mpletion	\$2,565		Dail	y Total	\$2,565	
Cum Costs: Dr	illing	\$798,0	)40	Cor	npletion	\$636,559		Well	Total	\$1,434,600	
<b>MD</b> 9	,250	TVD	9,250	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation : ME	SAVEI	RDE	<b>PBTD</b> : 9	194.0		Perf: 7192'-	-8979'		PKR De	<b>pth:</b> 0.0	
Activity at Rep	ort Tir	ne: FLOW T	EST								
Start End		Hrs Act	tivity Desc	ription							
06:00 00	5:00		OWED 24 H WTR.	RS. 24/64 CHC	KE. FTP-	1025 PSIG, CP	'– 1800 Р	SIG. 23 BFI	т. RECOVE	RED 553 BBLS,	4201
10-27-2008	Re	ported By	H	AL IVIE							
DailyCosts: Dri	lling	\$0		Cor	npletion	\$2,565		Daily	y Total	\$2,565	
Cum Costs: Dri	illing	\$798,0	)40	Cor	npletion	\$639,124		Well	Total	\$1,437,165	
<b>MD</b> 9,	250	TVD	9,250	Progress	0	Days	20	$\mathbf{MW}$	0.0	Visc	0.0
Formation : ME	SAVEI	RDE	<b>PBTD</b> : 9	194.0		<b>Perf</b> : 7192'-	-8979'		PKR De	<b>pth:</b> 0.0	
Activity at Repo	ort Tir	ne: FLOW TI	EST								
Start End		Hrs Act	tivity Desc	ription							
06:00 06	5:00	24.0 FLC	OWED 24 H	RS. 24/64" CH	OKE. FTP 9	900 PSIG. CP 15	550 PSIG.	18 BFPH. R	ECOVERED -	446 BLW. 3805 F	BLWTR.
10-28-2008	Re	ported By	H	AL IVIE							
	lling	\$0		Cor	npletion	\$2,565		Daily	y Total	\$2,565	
DailyCosts: Dri						42,500					
· .	-	\$798,0	)40	Cor	npletion	\$641,689		Well	Total	\$1,439,730	
Cum Costs: Dri	-	\$798,0 <b>TVD</b>	9,250		npletion 0	\$641,689	21	Well MW	Total 0.0	\$1,439,730 <b>Visc</b>	0.0
Cum Costs: Dri	illing 250	TVD		Progress	-	•			0.0	Visc	0.0
Cum Costs: Dri  MD 9.  Formation: ME	illing 250 ESAVER	TVD RDE	9,250 <b>PBTD</b> : 9	Progress	-	\$641,689 <b>Days</b>				Visc	0.0
Formation: ME	illing 250 ESAVER	TVD RDE ne: WO FAC	9,250 <b>PBTD :</b> 9 ILITIES	Progress 194.0	-	\$641,689 <b>Days</b>			0.0	Visc	0.0
Cum Costs: Dri  MD 9,  Formation : ME  Activity at Repo  Start End	illing 250 ESAVER	TVD  RDE  ne: WO FACT  Hrs Act  24.0 FLC	9,250 PBTD: 9 ILITIES tivity Desc	Progress 194.0 ription RS. 24/64" CH	0	\$641,689  Days  Perf: 7192'-	-8979'	MW	0.0 PKR De	Visc	
Cum Costs: Dri  MD 9,  Formation : ME  Activity at Repo  Start End	illing 250 ESAVEI ort Tin	TVD RDE ne: WO FACE Hrs Act 24.0 FLC	9,250  PBTD: 9  ILITIES  tivity Desc  DWED 24 H  FACILITIE	Progress 194.0 ription RS. 24/64" CH	0 OKE. FTP 8	\$641,689  Days  Perf: 7192'-	-8979'	MW	0.0 PKR De	Visc pth: 0.0	
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06	illing 250 ESAVER ort Tin	TVD RDE ne: WO FACE Hrs Act 24.0 FLC	9,250  PBTD: 9  ILITIES  tivity Desc  DWED 24 H  FACILITIE  AL COMPL	Progress 194.0 ription RS. 24/64" CH6	0 OKE. FTP 8	\$641,689  Days  Perf: 7192'-	-8979'	MW	0.0 PKR De	Visc pth: 0.0	
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06	illing 250 ESAVER ort Tin 5:00	TVD  RDE  me: WO FACE  Hrs Act  24.0 FLC  WO  FIN	9,250  PBTD: 9  ILITIES  tivity Desc  DWED 24 H  FACILITIE  AL COMPL	Progress 194.0 ription RS. 24/64" CHO SS. LETION DATE: UANE COOK	0 OKE. FTP 8	\$641,689  Days  Perf: 7192'-	-8979'	MW 12 BFPH. RI	0.0 PKR De	Visc pth: 0.0	
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06	alling 250 ESAVER ort Tin 5:00	TVD RDE ne: WO FACE Hrs Act 24.0 FLC WO FIN	9,250  PBTD: 9  ILITIES  tivity Desc  OWED 24 H  FACILITIE  AL COMPI	Progress 194.0 ription RS. 24/64" CHOSS. LETION DATE: UANE COOK Cor	0 OKE. FTP 8 : 10/27/08	\$641,689  Days  Perf: 7192'-  800 PSIG. CP 13	-8979'	MW 12 BFPH. RI Daily	0.0  PKR De	Visc pth: 0.0 297 BLW. 3508 E	
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06  11-17-2008  DailyCosts: Dri Cum Costs: Dri	alling 250 ESAVER ort Tin 5:00	TVD RDE me: WO FACE Hrs Act 24.0 FLC WO FIN ported By \$0	9,250  PBTD: 9  ILITIES  tivity Desc  OWED 24 H  FACILITIE  AL COMPI	Progress 194.0 ription RS. 24/64" CHOSS. LETION DATE: UANE COOK Cor	0 OKE. FTP 8 : 10/27/08 mpletion	\$641,689  Days  Perf: 7192'-  800 PSIG. CP 13	-8979'	MW 12 BFPH. RI Daily	0.0  PKR Department of the period of the per	Visc pth: 0.0 297 BLW. 3508 E	
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06  11-17-2008  DailyCosts: Dri Cum Costs: Dri	Repling	TVD  RDE  me: WO FACE  4.0 FLC  WO  FIN  ported By  \$0  \$798,6	9,250  PBTD: 9  ILITIES  tivity Desc  DWED 24 H  D FACILITIE  AL COMPI  DU  DU	Progress 194.0  ription RS. 24/64" CHO SS.  LETION DATE: UANE COOK  Cor  Cor  Progress	OKE. FTP 8 10/27/08  npletion npletion	\$641,689  Days  Perf: 7192'-  800 PSIG. CP 13	-8979 <sup>2</sup> 600 PSIG.	MW  12 BFPH. RI  Daily  Well	0.0  PKR De  ECOVERED    y Total  Total	Visc pth: 0.0 297 BLW. 3508 E \$0 \$1,439,730 Visc	BLWTR.
Cum Costs: Dri MD 9, Formation : ME Activity at Repo Start End 06:00 06  11-17-2008  DailyCosts: Dri Cum Costs: Dri MD 9,	ESAVER  5:00  Rejuling ESAVER  6:00	TVD RDE me: WO FACE Hrs Act 24.0 FLC WO FIN ported By \$0 \$798,0 TVD	9,250  PBTD: 9  ILITIES  tivity Desc  DWED 24 H  D FACILITIE  AL COMPI  D1  040  9,250  PBTD: 9	Progress 194.0 ription RS. 24/64" CHO SS. LETION DATE: UANE COOK Cor Cor Progress 194.0	OKE. FTP 8 10/27/08  npletion npletion	\$641,689  Days  Perf: 7192'-  800 PSIG. CP 13  \$0 \$641,689  Days	-8979 <sup>2</sup> 600 PSIG.	MW  12 BFPH. RI  Daily  Well	0.0  PKR Department of the period of the per	Visc pth: 0.0 297 BLW. 3508 E \$0 \$1,439,730 Visc	BLWTR.

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06:00

06:00

24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 2400 & CP 2900 PSI. TURNED WELL TO QUESTAR SALES AT 9:30 AM, 11/14/08. FLOWED 1400 MCFD RATE ON 12/64" POS CHOKE. QUESTAR GAS METER #7937. STATIC 291

11/16/08 FLOWED 1123 MCF, 16 BC & 170 BW IN 24 HRS ON 12/64" CHOKE, TP 2150 PSIG, CP 2620 PSIG.

11/17/08 FLOWED 1141 MCF, 12 BC & 120 BW IN 20 HRS ON 12/64" CHOKE, TP 1880 PSIG, CP 2350 PSIG.

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

VA/ELL	COMPL	ETION	ΛD	RECOMPL	ETION	DEDODT	AND	LOG
VVELL	COMPL	EIIUN	UK	KECUMPI	_E I IUN	REPURI	AND	LUG

Produced Date Tested 11/14/2008 24 Production BBL MCF BBL Corr. API Gravity  Tog. Press. Flwg. 1400 Production - Interval B  Date First Produced Date Tested Tested Production BBL MCF BBL Corr. API Gravity  Tog. Press. Press. Production - Interval B  Date First Produced Date First Produced Date Tested Production BBL MCF BBL Gas Water BBL Gravity  Tog. Press. Cag. 24 Hr. Oil Gas Water BBL Gravity  Tog. Press. Cag. 24 Hr. Oil Gas Water BBL Gravity  Tog. Press. Cag. 24 Hr. Oil Gas Water BBL Gravity  Tog. Press. Cag. 24 Hr. Oil Gas Water Gas:Oil Well Status  Production Method Gravity		WELL (	OMPL	ETION O	R RECO	MPLE	TION R	EPORT	AND L	OG	-		ase Serial No. TU0337	-
2. Name of Operative   Contact MAPY A. MAESTAS   Contact MAPY A. MA	la. Type of	Well 🔲	Oil Well	☑ Gas V	Well 🔲	Dry [	Other					6. If	Indian, Allottee	or Tribe Name
Address	b. Type of	Completion			Work C	ver [	Deepen	☐ Plu	g Back	Diff. F	lesvr.	7. Uı C	nit or CA Agreen HAPITA WELL	nent Name and No.
3. Address   600 17TH STREET SUITE 100ND   73a   Phone No. (includes area code)   9. API Well No.   43-047-39618			S, INC.	E	-Mail: man						-			
At surface SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon At top prod interval reported below SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon At top prod interval reported below SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon At total depth SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon At total depth SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon 10. Date Synudded O7/27/2008 IS. Date 17. Reached O7/27/2008 IS. Total Depth: MDD 9250 IP. Plug Back T.D. MDD 9194 20. Depth Bridge Plug Set MDD 11/14/2008 Ready to Prod. 11. Store 1. Depth Component of the Plug Back T.D. MDD 9194 20. Depth Bridge Plug Set MDD 11/14/2008 Ready to Prod. 12. Cusing and Liner Record (Report all strings set in well)  Hole Size Size/Grade Wt. (WR) MDD Bottom Stage Cementer No. of Sis. & Shurry Vol. 12. Cusing and Liner Record (Report all strings set in well)  12. Cusing and Liner Record (Report all strings set in well)  Hole Size Size/Grade Wt. (WR) MDD Bottom Stage Cementer No. of Sis. & Shurry Vol. 12. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Size Dept		600 17TH	STREET	SUITE 100			3a.	. Phone N	o. (include	area code	)	9. Al	PI Well No.	43-047-39618
At surprice   SESW 466FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon   1. Sec, T. R. M., or Block and Survey   Art top added   SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon   1. Sec, T. R. M., or Block and Survey   Art top added   SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon   1. Sec, T. R. M., or Block and Survey   Art top added   SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   Art top added   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M., or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. M. or Block and Survey   1. Sec, T. R. A. Sec, T. R. A. Sec,	4. Location	of Well (Rep	port locati	on clearly an	d in accord	ance with	Federal rec	quirements	s)*			10. F	ield and Pool, or	Exploratory
At total depth   SESW 456FSL 1832FWL 40.01552 N Lat, 109.37237 W Lon   12. Country or Parish   13. State   17. Elevations (DF, KB, RT, GL)*   15. Date Spanded   0707272008   15. Date T.D. Reached   0707272008   15. Date T.D. Reached   0707272008   15. Date Spanded   0707272008   15. Date T.D. Reached   0707272008   16. Date Completed   17. Elevations (DF, KB, RT, GL)*   17. Elevations (DF, KB, RT,						-			400.0700	- 14/1		11. S	ec., T., R., M., o	r Block and Survey
15. Date T.D. Reached Orizi7/2008   15. Date T.D. Reached Orizi7/2008   16. Date Completed Orizi7/2008   17. Elovations (DR, KB, RT, GL)*   5089 GL   11. Elovations (DR, KB, RT, GL)*   5089 GL   11. Elovations (DR, KB, RT, GL)*   11. Elovations (DR, KB, RT, GL, RT, GL, RT, GL)*   11. Elovations (DR, RT, GL, RT,	At top p								109.3723.	/ W Lon		12. (	County or Parish	13. State
18. Total Depth   MD   9250   19. Plug Back T.D.   TVD   9194   20. Depth Bridge Plug Set.   MD   TVD   19. Plug Back T.D.   TVD   9194   20. Depth Bridge Plug Set.   MD   TVD   19. Plug Back T.D.   TVD   9194   20. Depth Bridge Plug Set.   MD   TVD   19. Plug Back T.D.   TVD   9194   20. Depth Bridge Plug Set.   MD   TVD   19. Plug Back T.D.   TVD   9194   20. Depth Bridge Plug Set.   MD   Packer Depth   MD   MESAVERDE   7192   8979   8811 TO 8979   3   3   3   3   3   3   3   3   3			SW 456F				109.37237		Commista					
TVD	07/27/2	008				icned		I⊓D&	:A <b>∑</b> 711	Ready to F	rod.	17. 1	5089 GI	- -
RST/CBL/CCL/DDL/GR			TVD						919	94	20. Dej			TVD
Hole Size	21. Type E RST/CI	lectric & Oth BL/CCL/VDL	ICD .			copy of ea	nch)			Was	DST run?	١.	KXINo ⊓IYo	es (Submit analysis)
Hole Size   Size   Size   Cfriede   Wt. (#/ft.)   (MD)   (MD)   Depth   Type of Cement   (BBL)   Cfried   Cfriede	23. Casing ar	d Liner Reco	ord (Repo	ort all strings	set in well)				L					
7.875	Hole Size	Size/G	rade	Wt. (#/ft.)	_		_						Cement Top*	Amount Pulled
24. Tubing Record  Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (M	12.250	9.6	25 J-55	36.0		0 2	266				-			
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth	7.875	4.5	00 N-80	11.6		0 9	241		-	1930	<del>\</del>		850	<u> </u>
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth						+			<del> </del>		<del> </del>			<del> </del>
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth	<del></del>					1	_			_				<del></del>
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth														
2.375					·	— Т						т_	T	
26. Perforation Record   161   3   522   No. Holes   Perf. Status				acker Depth	(MD)   S	Size I	Depth Set (	MD)   1	Packer Dep	th (MD)	Size	De	pth Set (MD)	Packer Depth (MD)
A)   MESAVERDE			70901				26. Perfo	ration Rec	ord	92	L			
B   8470 TO 8710   3	Fo	ormation		Тор	Е	ottom		Perforated	Interval		Size	1	lo. Holes	Perf. Status
C)	A)	MESAVE	RDE		7192	8979			_					
Test				<u> </u>			_					+		<del></del>
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.   Depth Interval														
8811 TO 8979   40,909 GALS GELLED WATER & 110,300# 20/40 SAND     8470 TO 8710   45,523 GALS GELLED WATER & 137,600# 20/40 SAND     8155 TO 8397   30,877 GALS GELLED WATER & 69,700# 20/40 SAND     7920 TO 8091   47,399 GALS GELLED WATER & 146,000# 20/40 SAND     28. Production - Interval A     Date First Produced Date Tested Date Tested Production BBL MCF BBL Gravity Fluvy 1400 Press.   Csg. Flwg. 1400 Press.   Rate Date Flyst Production - Interval B     Date First Tested Date Tested Production BBL MCF BBL Ratio PGW     Date First Tested Date Tested Production BBL MCF BBL Gravity     Date First Tested Date Tested Production BBL MCF BBL Gravity PGW     Date First Tested Date Tested Production BBL MCF BBL MCF BBL Gravity PGW     Date First Tested Production BBL MCF BBL MCF BBL MCF BBL Water Gravity PGW     Date First Tested Production BBL MCF BBL MCF BBL Water Gravity PGW     Date First Tested Production BBL MCF BBL Water BBL Water Gravity Well Status Production Method Well Status Production Method Production Method PGW BBL Water Gravity Production Method PGW BBL Water BBL Water Gravity Production Method PGW BBL Water BBL Water BBL Water Gravity PGW BBL Water B		acture, Treat	ment, Cer	nent Squeeze	e, Etc.				1320 10	7 003 1				
8470 TO 8710										Type of N	Iaterial			
State   First   Test   Flwg.   1400   Test   1400   Test   BBL   BBL   BBL   Ratio   Production - Interval B   Size   First   Test   Test   Test   BBL   Size   Test   BBL   Corr. API														
Test   Hours   Test   Production - Interval A	_													
28. Production - Interval A  Date First Produced Date Date Produced Date Production Date Production Date Production Date Date Date Production Date Date Date Date Date Date Date Production Date Date Date Date Date Date Date Date													<u> </u>	
Produced Date   Tested   Production   BBL   MCF   BBL   Corr. API   Gravity   FLOWS FROM WELL	28. Producti			0011										
11/14/2008   11/21/2008   24	Date First Produced										y .	Product	on Method	
Size  14/64" Sil  1400 Press. 15/64 Production Method 15/64 Press. 15/64 Pre			I	$\overline{}$		846.0	120	.0					FLOWS FF	ROM WELL
14/64" SI 1900.0 20 846 120 PGW  28a, Production - Interval B  Date First Test Date Tested Production BBL MCF BBL Gas Water Gas:Oil Well Status  Choke Tbg. Press. Csg. 24 Hr. Oil Gas BBL MCF BBI Ratio	Choke Size									Well S	tatus			
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Gravity  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status  Production Method  Well Status  Reference Description D	14/64"	SI	1900.0		20	846	120	0			PGW			-
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status  Size Plug Press Page BBI MCF BBI Ratio		_		In .	loa -	Ic	337	Long		I C		Droder	on Method	
Sign Plang Press Pate RRI MCE RRI Ratio	Date First Produced										y	rroduct	on Memon	
	Choke Size	Flwg.								Well	tatus		F	RECEIVEN

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #65631 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

	uction - Inter		-	T	-T-	T	1			
Date First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	s	
28c. Prod	uction - Interv	val D			. •					
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
ioke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	s	
29. Dispo SOLE	sition of Gas(	Sold, used	for fuel, vent	ted, etc.)	•			•		
30. Sumn	nary of Porous	s Zones (Ir	ıclude Aquife	ers):				31	1. Formation (Log) Markers	
tests,	all important including dep ecoveries.	zones of p th interval	orosity and c tested, cushi	ontents the on used, tir	reof: Corec ne tool ope	d intervals an n, flowing ar	d all drill-stem id shut-in pressure	s		
	Formation		Тор	Botton	1	Descript	ions, Contents, etc		Name	Top Meas. Depth
MESAVEI	RDE		7192	8979					GREEN RIVER MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER MIDDLE PRICE RIVER	1687 2330 4523 4637 5215 5892 6872 7735
Pleas	ional remarks se see the at nation.	(include p tached sh	olugging proc neet for deta	edure): iled perfor	ation and	additional fo	ormation marker		F	RECEIVE
									DIV. O	FOIL, GAS & MI
<ul> <li>33. Circle enclosed attachments:</li> <li>1. Electrical/Mechanical Logs (1 full set req'd.)</li> <li>2. Geologic R</li> <li>5. Sundry Notice for plugging and cement verification</li> <li>6. Core Analy</li> </ul>						•	<ul><li>3. DST Report</li><li>4. Directional Survey</li><li>7 Other:</li></ul>			
34. I here	by certify that	t the forego	-	tronic Sub	mission #6	5631 Verifie	orrect as determined by the BLM W.S, INC., sent to t	ell Informatio	ailable records (see attached instruon System.	actions):
Name	(please print)	MARY A	. MAESTAS	3			Title <u>F</u>	REGULATOR	Y ASSISTANT	
		۸.,	nic Submiss	, M	100	1.	Date 1			

### Chapita Wells Unit 1150-19 - ADDITIONAL REMARKS (CONTINUED):

#### 26. PERFORATION RECORD

7742-7869	3/spf
7586-7689	3/spf
7192-7456	3/spf

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7742-7869	47,992 GALS GELLED WATER & 156,400# 20/40 SAND
7586-7689	43,468 GALS GELLED WATER & 137,200# 20/40 SAND
7192-7456	44,906 GALS GELLED WATER & 144,900# 20/40 SAND

Perforated the Lower Price River from 8811-12', 8819-20', 8825-26', 8851-52', 8887-88', 8905-06', 8924-25', 8946-47', 8959-60', 8971-72', 8977-78', 8978-79' w/ 3 spf.

Perforated the Lower/Middle Price River from 8470-71', 8477-78', 8517-18', 8525-26', 8571-72', 8584-85', 8597-98', 8608-09', 8633-34', 8641-42', 8687-88', 8709-10' w/ 3 spf.

Perforated the Middle Price River from 8155-56', 8173-74', 8188-89', 8199-8200', 8214-15', 8230-31', 8247-48', 8276-77', 8302-03', 8329-30', 8360-61', 8396-97' w/ 3 spf.

Perforated the Middle Price River from 7920-21', 7941-42', 7947-48', 7959-60', 7985-86', 8000-01', 8022-23', 8043-44', 8050-51', 8070-71', 8082-83', 8090-91' w/ 3 spf.

Perforated the Middle Price River from 7742-43', 7763-64', 7779-80', 7785-86', 7791-92', 7802-03', 7816-17', 7837-38', 7838-39', 7857-58', 7863-64', 7868-69' w/ 3 spf.

Perforated the Upper Price River from 7586-87', 7587-88', 7596-97', 7611-12', 7622-23', 7633-34', 7634-35', 7642-43', 7643-44', 7659-60', 7679-80', 7688-89' w/ 3 spf.

Perforated the Upper Price River from 7192-93', 7205-06', 7256-57', 7271-72', 7312-13', 7319-20', 7356-57', 7387-88', 7416-17', 7426-27', 7434-35', 7455-56' w/ 3 spf.

## 32. FORMATION (LOG) MARKERS

Lower Price River	8520
Sego	9050



# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

Well name ar	nd number: CWL	1150-19				
API number:	4304739618					
Well Location	: QQ <u>SESW</u> Sec	tion 19 To	wnship <u>9S</u> Range <u>23E</u>	County U	INTAH	
Well operator	EOG					
Address:	1060 E HWY 4	10				
	city VERNAL	<u>s</u>	ate UT zip 84078	Phone:	(435) 781-9111	
Drilling contra	ctor: CRAIGS R	OUSTABOUT	SERVICE			
Address:	PO BOX 41		- 			
	city JENSEN	s	tate UT zip 84035	Phone: _	(435) 781-1366	·
Water encour	ntered (attach ad					
	DEP		VOLUME		QUALITY	
	FROM	ТО	(FLOW RATE OR HEAD	)	(FRESH OR SAL	
	1,540	1,590	NO FLOW		NOT KNOW	'N
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		-				
		- }	· ·			
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(Top to Botton		<u> </u>	2 5		_ 3	
	7				6 9	
	10				3 12	
	10			<del>.</del>		
If an analysis	has been made	of the water en	countered, please attach	a copy of the	report to this form	). 1.
I hereby certify	that this report is tr	ue and complete	to the best of my knowledge.	<del></del>		· · · · · · · · · · · · · · · · · · ·
	Many A. Mao			Regulator	y Assistant	* BE6
NAME (PLEASE PR	NINT)ary / t. Iviae		TIT	LE	<i>,</i>	HE/CI//FD